

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2017 Levee Inspection Results

American River Flood Control District

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 01 Arcade Creek			Left	2.08
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/15/2017 - 5/3/2017			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Ross Kawamura ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0001_01_s _ 2013_2				
Comment Code					
Inspector Comment					
The LMA has current flood fight training and a written emergency plan.					

No Photos

LM Start		Rating **	A	Issue No.	24
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0001_01_s _ 2013_24				
Comment Code					
Inspector Comment					
The LMA has flood fight supplies stored at various locations throughout the district.					

No Photos

LM Start		Rating **	A	Issue No.	25
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0001_01_s _ 2013_25				
Comment Code					
Inspector Comment					
The LMA has a copy of the O&M Manual available at the office.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.46	Rating **	M	Issue No.	81
LM End	0.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.623101°	38.623101°
				-121.460573°	-121.460573°
DWR ID	DWR_NA0001_01_f_2015_81				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

LM Start	0.46	Rating **	M	Issue No.	81 (cont)
LM End	0.46	Issue Type +	Ma	Location *	LS

Photo 1 of 2 : SP_2017_NA0001_51_81_20170313_00048.jpg



View of the landside levee slope damaged by foot traffic. Fall 2016.

Photo 2 of 2 : SP_2017_NA0001_51_81_20170313_00049.jpg



View of the landside levee slope damaged by foot traffic.

LM Start	0.48	Rating **	A/W	Issue No.	164
LM End	0.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.623227 °	38.623227 °
				-121.460399 °	-121.460399 °
DWR ID	DWR_NA0001_01_s_2012_164				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
4'-5' diameter by 1' deep hole mid-slope on the landside.					

Photo 1 of 2 : SP_2017_NA0001_51_164_20170313_00052.jpg



11/17/2011 Hole/depression approximately mid-slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.48	Rating **	A/W	Issue No.	164 (cont)	
LM End	0.48	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.623227 °		38.623227 °
				-121.460399 °		-121.460399 °
DWR ID	DWR_NA0001_01_s_2012_164					
Comment Code						
E1 : Note and monitor erosion site.						
Inspector Comment						
4'-5' diameter by 1' deep hole mid-slope on the landside.						

Photo 2 of 2 : SP_2017_NA0001_51_164_20170313_00053.jpg



Another view of the depression on the landside levee slope.

LM Start	0.66	Rating **	M	Issue No.	184
LM End	0.66	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.623668 °	38.623668 °
				-121.457156 °	-121.457156 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31169 DS_ID:24800 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to coordinate with the City of Sacramento to determine if structure (assumed indicated by green/orange symbol) crosses levee or symbol is referencing bridge. FIELD_STRUCT_DESC: Indicator of crossing found on waterward side edge. Symbol for Flood Control Structure (green/orange circle) was found during field inspection 12/19/13, symbol matches flood control structures that the City of Sacramento inspects. FS Date: 12/19/2013					

Photo 1 of 1 : UCIP_SP_2017_31169_57044.jpg



Indicator of crossing found on waterward side edge. Symbol is a Flood Control Structure (green/orange circle).

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.66	Rating **	U	Issue No.	185
LM End	0.66	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.623667 °	38.623667 °
				-121.457134 °	-121.457134 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:49930
DS_ID:24266
EP_NO: 3417
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 8/11/2016 Markers still missing. LMA representatives, Tim Kerr and Richard Marck, provided permit for 4-inch PG&E gasline to be raised to 200-year water surface elevation. Pipe will be modified on both the right and left bank. Elevation through the levee will need to be modified once pipe is raised through levee. (DWR UCIP - omagana)12/19/2013 no markers visible on waterward or landward side indicating this is a gas line--need to contact owner to determine if this crossing is gas line. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: 4-inch steel gas line through the levee, 1.5 feet below the crown. Corrugated metal (CM) cutoff wall around pipe at the center of levee. Pipe hung along bridge across channel. 4-inch gate valve will be installed on the LS approximately 355 feet from levee crown (near Fairbanks Avenue and Norwood Avenue). (4-inch pipe installed under Permit No. 3417, 1961 - Pacific Gas and Electric Company [PG&E]; 4-inch pipe removed and replaced under Permit 18641, 2011 - PG&E; 4-inch pipe through levee (both right and left bank) raised above the 200-year water surface elevation under Permit No. 18641-1, 2016 - PG&E) [Additional Reference(s): DWR Levee Log, 2002]
FS Date: 8/11/2016

LM Start	0.66	Rating **	U	Issue No.	185 (cont)
LM End	0.66	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_49930_57042.jpg



View of WS--pipe suspended along downstream face of bridge.

Photo 2 of 3 : UCIP_SP_2017_49930_57041.jpg



Paint on paved levee indicates crossing could be a storm drain.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.66	Rating **	U	Issue No.	185 (cont)	
LM End	0.66	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.623667 °	38.623667 °	
				-121.457134 °	-121.457134 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:49930 DS_ID:24266 EP_NO: 3417 Repair Type: Urgent Crossing Status: Found UCIP Comments: 8/11/2016 Markers still missing. LMA representatives, Tim Kerr and Richard Marck, provided permit for 4-inch PG&E gasline to be raised to 200-year water surface elevation. Pipe will be modified on both the right and left bank. Elevation through the levee will need to be modified once pipe is raised through levee. (DWR UCIP - omagana)12/19/2013 no markers visible on waterward or landward side indicating this is a gas line--need to contact owner to determine if this crossing is gas line. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 4-inch steel gas line through the levee, 1.5 feet below the crown. Corrugated metal (CM) cutoff wall around pipe at the center of levee. Pipe hung along bridge across channel. 4-inch gate valve will be installed on the LS approximately 355 feet from levee crown (near Fairbanks Avenue and Norwood Avenue). (4-inch pipe installed under Permit No. 3417, 1961 - Pacific Gas and Electric Company [PG&E]; 4-inch pipe removed and replaced under Permit 18641, 2011 - PG&E; 4-inch pipe through levee (both right and left bank) raised above the 200-year water surface elevation under Permit No. 18641-1, 2016 - PG&E) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 8/11/2016						

Photo 3 of 3 : UCIP_SP_2017_49930_57040.jpg



View of pipe suspended over waterway.

LM Start	0.69	Rating **	M	Issue No.	83
LM End	0.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.623732 °	38.625096 °
				-121.456566 °	-121.452067 °
DWR ID	DWR_NA0001_01_s_2017_83				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_51_83_20170406_00096.jpg



View of the vegetation on the levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.74	Rating **	M	Issue No.	80
LM End	0.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.623887 °	38.623887 °
				-121.455735 °	-121.455735 °
DWR ID	DWR_NA0001_01_f_2015_80				
Comment Code					
FE : Fence					
Inspector Comment					
Chain-link fence on LS toe.					

No Photos

LM Start	0.75	Rating **	M	Issue No.	79
LM End	0.75	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.623929 °	38.623929 °
				-121.455568 °	-121.455568 °
DWR ID	DWR_NA0001_01_f_2015_79				
Comment Code					
FE : Fence					
Inspector Comment					
Chain-link fence on LS toe.					

No Photos

LM Start	0.76	Rating **	M	Issue No.	78
LM End	0.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.623975 °	38.623975 °
				-121.455394 °	-121.455394 °
DWR ID	DWR_NA0001_01_f_2015_78				
Comment Code					
FE : Fence					
Inspector Comment					
Chain-link fence on LS toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.77	Rating **	U	Issue No.	183
LM End	0.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.624016 °	38.624016 °
				-121.455193 °	-121.455193 °
DWR ID	DWR_NA0001_01_s_2012_183				
Comment Code					
FE : Fence					
Inspector Comment					
Dog-eared fence built within 10' of the toe					

Photo 1 of 1 : SP_2017_NA0001_51_183_20170313_00061.jpg



11/17/2011 Wooden privacy fence.

LM Start	0.95	Rating **	U	Issue No.	182
LM End	0.95	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.625072 °	38.625072 °
				-121.452225 °	-121.452225 °
DWR ID	DWR_NA0001_01_s_2012_182				
Comment Code					
FE : Fence					
Inspector Comment					
Dog-eared wooden fence built within 10' of the toe.					

Photo 1 of 1 : SP_2017_NA0001_51_182_20170313_00060.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	0.96	Rating **	M	Issue No.	77
LM End	0.96	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.625093 °	38.625093 °
				-121.452096 °	-121.452096 °
DWR ID	DWR_NA0001_01_f_2015_77				
Comment Code					
FE : Fence					
Inspector Comment					
Chain-link fence on LS toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.00	Rating **	M	Issue No.	60	
LM End	1.00	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.625161 °		38.625161 °
				-121.451302 °		-121.451302 °
DWR ID	DWR_NA0001_01_f_2015_60					
Comment Code						
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.						
Inspector Comment						
Backfill the cut made by the footpath.						

Photo 1 of 1 : SP_2017_NA0001_51_60_20170313_00039.jpg



View of the foot path on the waterside levee slope.

LM Start	1.05	Rating **	M	Issue No.	76
LM End	1.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.625069 °	38.625069 °
				-121.450360 °	-121.450360 °
DWR ID	DWR_NA0001_01_f_2015_76				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_51_76_20170313_00047.jpg



View of the waterside levee slope damaged by foot traffic.

LM Start	1.15	Rating **	U	Issue No.	23
LM End	1.15	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.624871 °	38.624871 °
				-121.448624 °	-121.448624 °
DWR ID	DWR_NA0001_01_s_2012_23				
Comment Code					
FE : Fence					
Inspector Comment					
Dog-eared wooden fence and chain link fence is built against the levee slope.					

Photo 1 of 1 : SP_2017_NA0001_51_23_20170313_00020.jpg



11/17/2011 Fence built on the levee slope.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.15	Rating **	A/W	Issue No.	82
LM End	1.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.624866 °	38.624866 °
				-121.448555 °	-121.448555 °
DWR ID	DWR_NA0001_01_s _ 2016_82				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Homeless have created foot path.					

Photo 1 of 1 : SP_2017_NA0001_51_82_20170313_00050.jpg



View of the waterside levee slope erosion.

LM Start	1.15	Rating **	U	Issue No.	22
LM End	1.15	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.624879 °	38.624879 °
				-121.448486 °	-121.448486 °
DWR ID	DWR_NA0001_01_s _ 2012_22				
Comment Code					
FE : Fence					
Inspector Comment					
Dog-eared wooden fence is built against the levee slope.					

Photo 1 of 1 : SP_2017_NA0001_51_22_20170313_00019.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	1.17	Rating **	U	Issue No.	21
LM End	1.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.624906 °	38.624906 °
				-121.448259 °	-121.448259 °
DWR ID	DWR_NA0001_01_s _ 2012_21				
Comment Code					
FE : Fence					
Inspector Comment					
Dog-eared wooden fence is built against the levee slope.					

Photo 1 of 1 : SP_2017_NA0001_51_21_20170313_00018.jpg



View of the fence at the landside levee toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.18	Rating **	U	Issue No.	20
LM End	1.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.624900 °	38.624900 °
				-121.448037 °	-121.448037 °
DWR ID	DWR_NA0001_01_s_2012_20				
Comment Code					
FE : Fence					
Inspector Comment					
Dog-eared wooden fence is built against the levee slope.					

Photo 1 of 1 : SP_2017_NA0001_51_20_20170313_00017.jpg



Photo of solid fences built against the levee slope.

LM Start	1.22	Rating **	M	Issue No.	186
LM End	1.22	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625117 °	38.625117 °
				-121.447318 °	-121.447318 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31178 DS_ID:24248 EP_NO: 14575 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Crossing is present in the layer provided by the City of Sacramento, however this crossing was not found in the field. Need to determine status of crossing. If crossing is no longer used, owner will need to coordinate with Central Valley Flood Protection Board to comply with Title 23. FIELD_STRUCT_DESC: 30-inch concrete encased steel water main through the levee, 4.5 feet below the crown. Steel cutoff wall around pipe at center of levee. (Permit No. 14575-1988) FS Date: 12/19/2013					

Photo 1 of 1 : UCIP_SP_2017_31178_57059.jpg



Alignment indicated in blue is approximate locations for pipes that cross levee. Alignment information was obtained from the City of Sacramento.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.26	Rating **	U	Issue No.	18
LM End	1.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.625395 °	38.625395 °
				-121.446608 °	-121.446608 °
DWR ID	DWR_NA0001_01_s _ 2012_18				
Comment Code					
BU : Building					
Inspector Comment					
Cement block building within 10-ft of toe. Storage of equipment and supplies blocking visibility.					

Photo 1 of 1 : SP_2017_NA0001_51_18_20170313_00016.jpg



Fall 2009 photo: Buildings and fence near levee toe.

LM Start	1.28	Rating **	M	Issue No.	187
LM End	1.28	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625500 °	38.625500 °
				-121.446390 °	-121.446390 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30085 DS_ID:24576 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm location--will need to coordinate with owner to determine if crossing is still active and determine location. FIELD_STRUCT_DESC: 1 of 3: 16-inch pipe through the levee, 8.0 feet below the crown. Floodgates within the levee across the channel, installed under Permit No. 14480 (1986). FS Date: 12/19/2013					

Photo 1 of 3 : UCIP_SP_2017_30085_55489.jpg



Overview of levee crown at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.28	Rating **	M	Issue No.	187 (cont)	
LM End	1.28	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.625500 °	38.625500 °	
				-121.446390 °	-121.446390 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:30085						
DS_ID:24576						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to confirm location--will need to coordinate with owner to determine if crossing is still active and determine location.						
FIELD_STRUCT_DESC: 1 of 3: 16-inch pipe through the levee, 8.0 feet below the crown. Floodgates within the levee across the channel, installed under Permit No. 14480 (1986).						
FS Date: 12/19/2013						

Photo 2 of 3 : UCIP_SP_2017_30085_55488.jpg



Underground service alert (USA) paint markings visible on waterward slope.

Photo 3 of 3 : UCIP_SP_2017_30085_55490.jpg



Concrete floodwall along waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.28	Rating **	M	Issue No.	188
LM End	1.28	Issue Type +	En	Location *	LS
Category	Supplemental	GPS Latitude/Longitude			
		Start	End	Start	End
Item	DWR UCIP Field Study	38.625500 °	38.625500 °	-121.446390 °	-121.446390 °
		-121.446390 °	-121.446390 °		
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29732 DS_ID:24577 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm location--will need to coordinate with owner to determine if crossing is still active and determine location. FIELD_STRUCT_DESC: 2 of 3: 6-inch pipe through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Floodgates within the levee across the channel, installed under Permit No. 14480 (1986). FS Date: 12/19/2013					

Photo 1 of 3 : UCIP_SP_2017_29732_54976.jpg



Overview of levee crown.

LM Start	1.28	Rating **	M	Issue No.	188 (cont)
LM End	1.28	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_29732_54975.jpg



Underground service alert (USA) paint markers visible on waterward shoulder--unable to confirm type of crossings.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.28	Rating **	M	Issue No.	188 (cont)	
LM End	1.28	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.625500 °	38.625500 °	
				-121.446390 °	-121.446390 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:29732						
DS_ID:24577						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to confirm location--will need to coordinate with owner to determine if crossing is still active and determine location.						
FIELD_STRUCT_DESC: 2 of 3: 6-inch pipe through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Floodgates within the levee across the channel, installed under Permit No. 14480 (1986).						
FS Date: 12/19/2013						

Photo 3 of 3 : UCIP_SP_2017_29732_54977.jpg



Floodwall visible along waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.28	Rating **	U	Issue No.	189
LM End	1.28	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625509 °	38.625509 °
				-121.446311 °	-121.446311 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49932 DS_ID:24252 EP_NO: 15152 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: 8/11/2016 Markers still missing. Unable to confirm if line will be raised to 200-year water surface elevation at this site. (DWR UCIP - omagana)12/19/2013 Need to confirm if this crossing is gas line. Need to contact owner to determine status of crossing (active or inactive) and to determine last inspection date. Will need copy of letter showing crossings passed inspection. Missing utility markers. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 4-inch steel gas main through the levee, 2.5 feet below the crown. Vent on the waterside (WS) shoulder. Unable to confirm if crossing will be raised to 200-year water surface elevation within Unit 1. (4-inch gas line installed under Permit No. 15152, 1989 - Pacific Gas & Electric Company [PG&E], 4-inch gas line raised above the 200-year water surface elevation under Permit No. 15152-1, 2016 - PG&E) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 8/11/2016					

LM Start	1.28	Rating **	U	Issue No.	189 (cont)
LM End	1.28	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_49932_75855.jpg



View of levee crown where crossing should be--no markers found.

Photo 2 of 3 : UCIP_SP_2017_49932_75856.jpg



Underground service alert (USA) markings found on WS shoulder, photo 1 of 2.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.34	Rating **	N	Issue No.	26
LM End	1.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.625926 °	38.625926 °
				-121.445329 °	-121.445329 °
DWR ID	DWR_NA0001_01_f_2013_26				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	1.35	Rating **	U	Issue No.	50
LM End	1.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.625982 °	38.625982 °
				-121.445231 °	-121.445231 °
DWR ID	DWR_NA0001_01_s_2014_50				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_51_50_20170313_00032.jpg



View of the fence at the landside levee toe obstructing visibility and access.

LM Start	1.36	Rating **	U	Issue No.	16
LM End	1.36	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626000 °	38.626000 °
				-121.444978 °	-121.444978 °
DWR ID	DWR_NA0001_01_s_2012_16				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence					

Photo 1 of 1 : SP_2017_NA0001_51_16_20170313_00014.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.36	Rating **	N	Issue No.	178
LM End	1.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.626063 °	38.626063 °
				-121.444988 °	-121.444988 °
DWR ID	DWR_NA0001_01_s_2012_178				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Two stumps at landside toe.					

Photo 1 of 1 : SP_2017_NA0001_51_178_20170313_00059.jpg



11/17/2011 Two stumps at levee toe.

LM Start	1.37	Rating **	U	Issue No.	15
LM End	1.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626048 °	38.626048 °
				-121.444785 °	-121.444785 °
DWR ID	DWR_NA0001_01_s_2012_15				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence LS toe.					

Photo 1 of 1 : SP_2017_NA0001_51_15_20170313_00013.jpg



View of the fence at the landside levee toe.

LM Start	1.38	Rating **	U	Issue No.	14
LM End	1.38	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626085 °	38.626085 °
				-121.444580 °	-121.444580 °
DWR ID	DWR_NA0001_01_s_2012_14				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence					

Photo 1 of 1 : SP_2017_NA0001_51_14_20170313_00012.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.40	Rating **	M	Issue No.	38
LM End	1.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626210 °	38.626210 °
				-121.444320 °	-121.444320 °
DWR ID	DWR_NA0001_01_s_2012_38				
Comment Code					
BU : Building					
Inspector Comment					
Small wooden storage shed and firewood are placed along chain link fence within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_51_38_20170313_00028.jpg



11/17/2011 Shed and firewood can be seen through the chainlink fence.

LM Start	1.40	Rating **	U	Issue No.	13
LM End	1.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626155 °	38.626155 °
				-121.444250 °	-121.444250 °
DWR ID	DWR_NA0001_01_s_2012_13				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence with barbed wire is built within 10-ft of levee toe. 04/13/2011 Fence has blown over and now partially rests on the levee. Fall insp 2011 fence has been rebuilt in same location, within 10' of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_51_13_20170313_00011.jpg



11/17/2011 New wooden privacy fence built within 15' of the levee toe.

LM Start	1.41	Rating **	N	Issue No.	72
LM End	1.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.626253 °	38.626253 °
				-121.444165 °	-121.444165 °
DWR ID	DWR_NA0001_01_f_2015_72				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.41	Rating **	U	Issue No.	12
LM End	1.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626212 °	38.626212 °
				-121.444082 °	-121.444082 °
DWR ID	DWR_NA0001_01_s _ 2012_12				
Comment Code					
FE : Fence					
Inspector Comment					
Dog-eared wooden fence is built near the levee slope.					

Photo 1 of 1 : SP_2017_NA0001_51_12_20170313_00010.jpg



11/17/2011 Wooden privacy fence built within 15' of the levee toe.

LM Start	1.42	Rating **	M	Issue No.	177
LM End	1.42	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.626388 °	38.626388 °
				-121.443910 °	-121.443910 °
DWR ID	DWR_NA0001_01_s _ 2012_177				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP_2017_NA0001_51_177_20170327_00095.jpg



Another view of the vegetation at levee toe. Spring 2017.

LM Start	1.42	Rating **	M	Issue No.	177 (cont)
LM End	1.42	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2017_NA0001_51_177_20170313_00058.jpg



11/17/2011 Thick vegetation at the levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.42	Rating **	M	Issue No.	71
LM End	1.42	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626388 °	38.626388 °
				-121.443905 °	-121.443905 °
DWR ID	DWR_NA0001_01_f_2015_71				
Comment Code					
FE : Fence					
Inspector Comment					
Chain-link fence at LS toe.					

No Photos

LM Start	1.44	Rating **	U	Issue No.	70
LM End	1.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626589 °	38.626589 °
				-121.443640 °	-121.443640 °
DWR ID	DWR_NA0001_01_f_2015_70				
Comment Code					
FE : Fence					
Inspector Comment					
Rought iron fence at LS toe blocks access.					

Photo 1 of 1 : SP_2017_NA0001_51_70_20170313_00045.jpg



View of the fence at the landside levee toe.

LM Start	1.47	Rating **	A/W	Issue No.	176
LM End	1.47	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626881 °	38.626881 °
				-121.443253 °	-121.443253 °
DWR ID	DWR_NA0001_01_s_2012_176				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10' of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_51_176_20170313_00057.jpg



11/17/2011 Wooden privacy fence built within 15' of the levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.48	Rating **	M	Issue No.	75
LM End	1.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.626912 °	38.626912 °
				-121.443229 °	-121.443229 °
DWR ID	DWR_NA0001_01_s_2017_75				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Stairs dug into waterside levee slope.					

Photo 1 of 1 : SP_2017_NA0001_51_75_20170327_00094.jpg



View of the stairs in the levee slope, looking downstream.

LM Start	1.50	Rating **	M	Issue No.	69
LM End	1.50	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627094 °	38.627094 °
				-121.442917 °	-121.442917 °
DWR ID	DWR_NA0001_01_f_2015_69				
Comment Code					
FE : Fence					
Inspector Comment					
Chain-link fence on LS toe.					

No Photos

LM Start	1.51	Rating **	N	Issue No.	56
LM End	1.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.627180 °	38.627224 °
				-121.442718 °	-121.442515 °
DWR ID	DWR_NA0001_01_s_2012_56				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
4 stumps 14 to 30 Inches in diameter.					

Photo 1 of 1 : SP_2017_NA0001_51_56_20170313_00035.jpg



Several large stumps on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.53	Rating **	M	Issue No.	35
LM End	1.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627255 °	38.627255 °
				-121.442402 °	-121.442402 °
DWR ID	DWR_NA0001_01_s_2012_35				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Bushes and trees along chain link fence block access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_51_35_20170313_00027.jpg



Fall 2009 photo:Vegetation obstructing visibility near levee slope.

LM Start	1.54	Rating **	M	Issue No.	68
LM End	1.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627283 °	38.627283 °
				-121.442180 °	-121.442180 °
DWR ID	DWR_NA0001_01_f_2015_68				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Cactus planted along LS toe.					

Photo 1 of 1 : SP_2017_NA0001_51_68_20170313_00044.jpg



View of the landscaping at the landside levee toe.

LM Start	1.55	Rating **	M	Issue No.	49
LM End	1.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627297 °	38.627297 °
				-121.441961 °	-121.441961 °
DWR ID	DWR_NA0001_01_f_2015_49				
Comment Code					
FE : Fence					
Inspector Comment					
Chain-link fence on LS toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.57	Rating **	M	Issue No.	190
LM End	1.57	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627277 °	38.627277 °
				-121.441650 °	-121.441650 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46793 DS_ID:24573 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/12/15 Markers have been installed on both levees--confirmed during DWR Fall Inspection. Need to coordinate with PG&E to determine permit for this crossing.12/19/13 No markers visible indicating crossing through levee. PG&E line. Need to coordinate with owner. Permit? FIELD_STRUCT_DESC: 2 of 2: 6-inch pipe through the levee, at unknown depth and goes under the channel. FS Date: 11/12/2015 1:52:00 PM					

LM Start	1.57	Rating **	M	Issue No.	190 (cont)
LM End	1.57	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_46793_74731.jpg



Markers installed on both levees in 2015.

Photo 2 of 3 : UCIP_SP_2017_46793_57072.jpg



Overview of area near crossing. Inspector is standing where crossing goes through levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.57	Rating **	M	Issue No.	190 (cont)	
LM End	1.57	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.627277 °	38.627277 °	
				-121.441650 °	-121.441650 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:46793 DS_ID:24573 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/12/15 Markers have been installed on both levees--confirmed during DWR Fall Inspection. Need to coordinate with PG&E to determine permit for this crossing.12/19/13 No markers visible indicating crossing through levee. PG&E line. Need to coordinate with owner. Permit? FIELD_STRUCT_DESC: 2 of 2: 6-inch pipe through the levee, at unknown depth and goes under the channel. FS Date: 11/12/2015 1:52:00 PM						

Photo 3 of 3 : UCIP_SP_2017_46793_57071.jpg



View of waterward side.

LM Start	1.58	Rating **	M	Issue No.	191
LM End	1.58	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627241 °	38.627241 °
				-121.441465 °	-121.441465 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31182 DS_ID:24255 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 1/29/14 1/29/14 approximate alignment of crossings was provided by the City of Sacramento for known crossings through levee. Unable to confirm last inspection. Also City records indicate 24-inch CMP not 15-inch--need to clarify with owner. Crossing is operational. FIELD_STRUCT_DESC: 15-inch pipe through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end. FS Date: 12/19/2013					

Photo 1 of 3 : UCIP_SP_2017_31182_57075.jpg



Alignment in blue is an estimate of pipe alignment provided by the City of Sacramento. The symbol at LM 1.58 is field confirmed location.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.58	Rating **	M	Issue No.	191 (cont)
LM End	1.58	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627241 °	38.627241 °
				-121.441465 °	-121.441465 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31182 DS_ID:24255 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 1/29/14 1/29/14 approximate alignment of crossings was provided by the City of Sacramento for known crossings through levee. Unable to confirm last inspection. Also City records indicate 24-inch CMP not 15-inch--need to clarify with owner. Crossing is operational. FIELD_STRUCT_DESC: 15-inch pipe through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end. FS Date: 12/19/2013					

Photo 2 of 3 : UCIP_SP_2017_31182_57076.jpg



Overview of levee at crossing.

LM Start	1.58	Rating **	M	Issue No.	191 (cont)
LM End	1.58	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_31182_57077.jpg



View of concrete vault located on waterward apex.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.58	Rating **	A/W	Issue No.	54
LM End	1.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.627251 °	38.627251 °
				-121.441460 °	-121.441460 °
DWR ID	DWR_NA0001_01_s_2012_54				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_51_54_20170313_00034.jpg



Slope stability due to foot traffic needs to be monitored.

LM Start	1.60	Rating **	M	Issue No.	67
LM End	1.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627207 °	38.627207 °
				-121.441104 °	-121.441104 °
DWR ID	DWR_NA0001_01_f_2015_67				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside levee toe. 6 fruit trees and various cactus plants at LS toe.					

Photo 1 of 1 : SP_2017_NA0001_51_67_20170313_00043.jpg



View of the fence and landscaping at the landside levee toe.

LM Start	1.61	Rating **	M	Issue No.	66
LM End	1.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627195 °	38.627500 °
				-121.440974 °	-121.439766 °
DWR ID	DWR_NA0001_01_f_2015_66				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside levee toe.					

Photo 1 of 1 : SP_2017_NA0001_51_66_20170313_00042.jpg



View of the fence at the landside levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.61	Rating **	N	Issue No.	31
LM End	1.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.627191 °	38.627191 °
				-121.440861 °	-121.440861 °
DWR ID	DWR_NA0001_01_f_2012_31				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_51_31_20170313_00025.jpg



View of large tree stump at levee toe.

LM Start	1.69	Rating **	M	Issue No.	65
LM End	1.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.627585 °	38.627585 °
				-121.439561 °	-121.439561 °
DWR ID	DWR_NA0001_01_f_2015_65				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Area shows signs of rodent damage.					

Photo 1 of 1 : SP_2017_NA0001_51_65_20170327_00092.jpg



View of the animal activity on the levee slope.

LM Start	1.69	Rating **	M	Issue No.	48
LM End	1.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627594 °	38.627594 °
				-121.439540 °	-121.439540 °
DWR ID	DWR_NA0001_01_s_2014_48				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Tree obstructing visibility and access.					

Photo 1 of 1 : SP_2017_NA0001_51_48_20170313_00031.jpg



View of the overgrown tree at the landside levee toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.69	Rating **	N	Issue No.	74
LM End	1.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.627607 °	38.627607 °
				-121.439545 °	-121.439545 °
DWR ID	DWR_NA0001_01_s_2017_74				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
24 inch large tree stump at levee toe.					

Photo 1 of 1 : SP_2017_NA0001_51_74_20170327_00093.jpg



View of the tree stump at the levee toe.

LM Start	1.69	Rating **	M	Issue No.	62
LM End	1.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627630 °	38.627630 °
				-121.439458 °	-121.439458 °
DWR ID	DWR_NA0001_01_f_2015_62				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside levee toe.					

No Photos

LM Start	1.74	Rating **	M	Issue No.	84
LM End	1.74	Issue Type +	Ma	Location *	WS
Category	Rivers, Channels & Designated Floodways			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.627882 °	38.627882 °
				-121.438602 °	-121.438602 °
DWR ID	DWR_NA0001_01_s_2017_84				
Comment Code					
Inspector Comment					
The LMA is making plans to repair this site soon. Erosion has progressed a little bit as of Spring 2017.					

Photo 1 of 1 : SP_2017_NA0001_51_84_20170313_00051.jpg



View of the erosion on the waterside levee berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.79	Rating **	U	Issue No.	10
LM End	1.79	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627948 °	38.627948 °
				-121.437682 °	-121.437682 °
DWR ID	DWR_NA0001_01_f_2012_10				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence constructed at LS levee toe.					

Photo 1 of 1 : SP_2017_NA0001_51_10_20170313_00009.jpg



View of new fence constructed at levee toe and 7 redwood trees planted behind fence within easement.

LM Start	1.81	Rating **	U	Issue No.	170
LM End	1.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627934 °	38.627934 °
				-121.437423 °	-121.437423 °
DWR ID	DWR_NA0001_01_s_2012_170				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Growth on old wooden fence, which has since been replaced by a chainlink fence is obstructive.					

Photo 1 of 1 : SP_2017_NA0001_51_170_20170313_00056.jpg



View of the landscaping at the landside levee toe.

LM Start	1.82	Rating **	U	Issue No.	169
LM End	1.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627922 °	38.627922 °
				-121.437296 °	-121.437296 °
DWR ID	DWR_NA0001_01_s_2012_169				
Comment Code					
BU : Building					
Inspector Comment					
Shed on concrete pad within 10' of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_51_169_20170313_00055.jpg



11/17/2011 Wooden shed on concrete pad built within 15' of levee toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.82	Rating **	M	Issue No.	64
LM End	1.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627907 °	38.627907 °
				-121.437187 °	-121.437187 °
DWR ID	DWR_NA0001_01_f_2015_64				
Comment Code					
FE : Fence					
Inspector Comment					
Chain-link fence at landside levee toe.					

No Photos

LM Start	1.83	Rating **	U	Issue No.	33
LM End	1.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627897 °	38.627897 °
				-121.437073 °	-121.437073 °
DWR ID	DWR_NA0001_01_s_2012_33				
Comment Code					
BU : Building					
Inspector Comment					
Wooden animal pen is built against levee slope.					

Photo 1 of 1 : SP_2017_NA0001_51_33_20170313_00026.jpg



11/17/2011 Wooden structure is built within 15' of the levee toe.

LM Start	1.84	Rating **	M	Issue No.	63
LM End	1.84	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627879 °	38.627879 °
				-121.436889 °	-121.436889 °
DWR ID	DWR_NA0001_01_f_2015_63				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside levee toe.					

Photo 1 of 1 : SP_2017_NA0001_51_63_20170313_00041.jpg



View of the fence at the landside levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.85	Rating **	M	Issue No.	9
LM End	1.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627884 °	38.627884 °
				-121.436682 °	-121.436682 °
DWR ID	DWR_NA0001_01_s _ 2012_9				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_51_9_20170313_00008.jpg



View of the fence at the landside levee toe.

LM Start	1.85	Rating **	M	Issue No.	8
LM End	1.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627889 °	38.627889 °
				-121.436638 °	-121.436638 °
DWR ID	DWR_NA0001_01_s _ 2012_8				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Ivy, trees and other landscaping growing on a privacy fence are obstructing visibility.					

Photo 1 of 1 : SP_2017_NA0001_51_8_20170313_00007.jpg



11/17/2011 Landscaping vegetation growth on the fence is obstructive.

LM Start	1.86	Rating **	U	Issue No.	7
LM End	1.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627889 °	38.627889 °
				-121.436454 °	-121.436454 °
DWR ID	DWR_NA0001_01_s _ 2012_7				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Metal sided shelter, blackberries and cherry trees are obstructive.					

Photo 1 of 1 : SP_2017_NA0001_51_7_20170313_00006.jpg



11/17/2011 Blackberries growing on fence are obstructive.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.86	Rating **	M	Issue No.	61
LM End	1.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627885 °	38.627885 °
				-121.436423 °	-121.436423 °
DWR ID	DWR_NA0001_01_f_2015_61				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside levee toe.					

Photo 1 of 1 : SP_2017_NA0001_51_61_20170313_00040.jpg



View of the fence at the landside levee toe.

LM Start	1.88	Rating **	M	Issue No.	59
LM End	1.88	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627871 °	38.627871 °
				-121.436191 °	-121.436191 °
DWR ID	DWR_NA0001_01_f_2015_59				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside levee toe.					

Photo 1 of 1 : SP_2017_NA0001_51_59_20170313_00038.jpg



View of the fence at the landside levee toe.

LM Start	1.88	Rating **	M	Issue No.	58
LM End	1.88	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627860 °	38.627860 °
				-121.436098 °	-121.436098 °
DWR ID	DWR_NA0001_01_f_2015_58				
Comment Code					
PO : Pole					
Inspector Comment					
Pole at the landside levee toe with guy wire penetrating the landside levee slope.					

Photo 1 of 1 : SP_2017_NA0001_51_58_20170313_00037.jpg



View of the pole at the landside levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.89	Rating **	M	Issue No.	57
LM End	1.89	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627837 °	38.627837 °
				-121.435973 °	-121.435973 °
DWR ID	DWR_NA0001_01_f_2015_57				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside levee toe.					

Photo 1 of 1 : SP_2017_NA0001_51_57_20170313_00036.jpg



View of the fence at the landside levee toe.

LM Start	1.90	Rating **	U	Issue No.	6
LM End	1.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627725 °	38.627725 °
				-121.435715 °	-121.435715 °
DWR ID	DWR_NA0001_01_s_2012_6				
Comment Code					
FE : Fence					
Inspector Comment					
Dog-eared wooden fence is built within 10-ft of the levee slope.					

Photo 1 of 1 : SP_2017_NA0001_51_6_20170313_00005.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	1.91	Rating **	U	Issue No.	5
LM End	1.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627680 °	38.627680 °
				-121.435555 °	-121.435555 °
DWR ID	DWR_NA0001_01_s_2012_5				
Comment Code					
FE : Fence					
Inspector Comment					
Dog-eared wooden fence is built against the levee slope.					

Photo 1 of 1 : SP_2017_NA0001_51_5_20170313_00004.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.92	Rating **	U	Issue No.	4
LM End	1.92	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627715 °	38.627715 °
				-121.435452 °	-121.435452 °
DWR ID	DWR_NA0001_01_s _ 2012_4				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence and landscaping completely block visibility.					

Photo 1 of 1 : SP_2017_NA0001_51_4_20170313_00003.jpg



View of the wooden fence at the landside levee toe.

LM Start	1.93	Rating **	U	Issue No.	3
LM End	1.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627658 °	38.627658 °
				-121.435192 °	-121.435192 °
DWR ID	DWR_NA0001_01_s _ 2012_3				
Comment Code					
FE : Fence					
Inspector Comment					
Dog-eared wooden fence is built against the levee slope.					

Photo 1 of 1 : SP_2017_NA0001_51_3_20170327_00091.jpg



View of the fence at the landside levee toe. Spring 2017

LM Start	1.93	Rating **	U	Issue No.	30
LM End	1.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627646 °	38.627646 °
				-121.435151 °	-121.435151 °
DWR ID	DWR_NA0001_01_s _ 2012_30				
Comment Code					
BU : Building					
Inspector Comment					
Wooden frame structure is within 15-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_51_30_20170313_00024.jpg



Building on concrete pad within 15 feet of the landside levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.95	Rating **	M	Issue No.	192
LM End	1.95	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627568 °	38.627568 °
				-121.434815 °	-121.434815 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41549					
DS_ID:24259					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: 1/29/14 approximate alignment of crossings was provided by the City of Sacramento for known crossings through levee. Unable to confirm last inspection. Also City records indicate 10-inch not 15-inch--need to clarify with owner. Crossing is operational.					
FIELD_STRUCT_DESC: 15-inch pipe through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end.					
FS Date: 12/19/2013					

LM Start	1.95	Rating **	M	Issue No.	192 (cont)
LM End	1.95	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_41549_57087.jpg



View of waterward side--concrete vault and u-shape concrete headwall with debris screen.

Photo 2 of 3 : UCIP_SP_2017_41549_57086.jpg



View of floodwall along waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.95	Rating **	M	Issue No.	192 (cont)	
LM End	1.95	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.627568 °	38.627568 °	
				-121.434815 °	-121.434815 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41549						
DS_ID:24259						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 1/29/14 approximate alignment of crossings was provided by the City of Sacramento for known crossings through levee. Unable to confirm last inspection. Also City records indicate 10-inch not 15-inch--need to clarify with owner. Crossing is operational.						
FIELD_STRUCT_DESC: 15-inch pipe through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end.						
FS Date: 12/19/2013						

Photo 3 of 3 : UCIP_SP_2017_41549_57085.jpg



Debris screen visible on waterward slope.

LM Start	1.98	Rating **	U	Issue No.	167
LM End	1.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627433 °	38.627433 °
				-121.434341 °	-121.434341 °
DWR ID	DWR_NA0001_01_s_2012_167				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10' of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_51_167_20170313_00054.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.99	Rating **	M	Issue No.	55
LM End	1.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627400 °	38.627400 °
				-121.434193 °	-121.434193 °
DWR ID	DWR_NA0001_01_f_2015_55				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside levee toe.					

No Photos

LM Start	1.99	Rating **	M	Issue No.	1
LM End	1.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627318 °	38.627318 °
				-121.434208 °	-121.434208 °
DWR ID	DWR_NA0001_01_s_2012_1				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vine growing on fence and slope blocks visibility.					

Photo 1 of 1 : SP_2017_NA0001_51_1_20170313_00001.jpg



View of the fence and landscaping at the landside levee toe.

LM Start	2.02	Rating **	U	Issue No.	29
LM End	2.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627292 °	38.627292 °
				-121.433709 °	-121.433709 °
DWR ID	DWR_NA0001_01_s_2012_29				
Comment Code					
BU : Building					
Inspector Comment					
Two-story home foundation is within 10-ft of levee toe. Chain link fence is built on levee toe.					

Photo 1 of 1 : SP_2017_NA0001_51_29_20170313_00023.jpg



Building foundation is within 15' of the levee toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	2.04	Rating **	U	Issue No.	28
LM End	2.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627257 °	38.627257 °
				-121.433327 °	-121.433327 °
DWR ID	DWR_NA0001_01_s_2012_28				
Comment Code					
BU : Building					
Inspector Comment					
Large wooden building behind corrugated metal covered fence is within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_51_28_20170313_00022.jpg



11/17/2011 Wooden structure is within 15' of the levee toe.

LM Start	2.04	Rating **	M	Issue No.	53
LM End	2.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627266 °	38.627266 °
				-121.433267 °	-121.433267 °
DWR ID	DWR_NA0001_01_f_2015_53				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside levee toe.					

No Photos

LM Start	2.05	Rating **	M	Issue No.	27
LM End	2.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627230 °	38.627230 °
				-121.433039 °	-121.433039 °
DWR ID	DWR_NA0001_01_s_2012_27				
Comment Code					
BU : Building					
Inspector Comment					
Pre-fab storage shed is within 10-ft of landside toe.					

Photo 1 of 1 : SP_2017_NA0001_51_27_20170313_00021.jpg



11/17/2011 Wooden structure is within 15' of the levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	2.05	Rating **	M	Issue No.	52
LM End	2.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627254 °	38.627254 °
				-121.433026 °	-121.433026 °
DWR ID	DWR_NA0001_01_f_2015_52				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at the landside levee toe.					

Photo 1 of 1 : SP_2017_NA0001_51_52_20170327_00090.jpg



View of the fence at the levee toe.

LM Start	2.06	Rating **	M	Issue No.	47
LM End	2.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627255 °	38.627255 °
				-121.432876 °	-121.432876 °
DWR ID	DWR_NA0001_01_f_2015_47				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_51_47_20170313_00030.jpg



View of the prunings at the landside levee toe.

LM Start	2.06	Rating **	M	Issue No.	51
LM End	2.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627251 °	38.627251 °
				-121.432843 °	-121.432843 °
DWR ID	DWR_NA0001_01_f_2015_51				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside levee toe.					

Photo 1 of 1 : SP_2017_NA0001_51_51_20170313_00033.jpg



View of the fence at the landside levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	2.07	Rating **	M	Issue No.	46
LM End	2.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.627246 °	38.627246 °
				-121.432673 °	-121.432673 °
DWR ID	DWR_NA0001_01_f_2015_46				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
LMA will fix this site after the levee improvement project is completed.					

Photo 1 of 1 : SP_2017_NA0001_51_46_20170313_00029.jpg



View of the damaged landside levee slope.

LM Start	2.08	Rating **	M	Issue No.	193
LM End	2.08	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627239 °	38.627239 °
				-121.432501 °	-121.432501 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31185 DS_ID:24420 EP_NO: 13044 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Orange/Green symbol for flood structure found on floodwall. No crossing found. Need to determine if crossing is in use. This crossing is not shown in the City of Sacramento's sewer drain mains or water mains. Need to contact owner to determine if crossing is still in use. FIELD_STRUCT_DESC: 12-inch steel water main through the levee, 4.0 feet below the crown. (Permit No. 13044-1981) FS Date: 12/19/2013					

Photo 1 of 3 : UCIP_SP_2017_31185_57091.jpg



Overview markers located on bridge and floodwall indicating crossing through levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	2.08	Rating **	M	Issue No.	193 (cont)	
LM End	2.08	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.627239 °		38.627239 °
				-121.432501 °		-121.432501 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31185 DS_ID:24420 EP_NO: 13044 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Orange/Green symbol for flood structure found on floodwall. No crossing found. Need to determine if crossing is in use. This crossing is not shown in the City of Sacramento's sewer drain mains or water mains. Need to contact owner to determine if crossing is still in use. FIELD_STRUCT_DESC: 12-inch steel water main through the levee, 4.0 feet below the crown. (Permit No. 13044-1981) FS Date: 12/19/2013						

LM Start	2.08	Rating **	M	Issue No.	193 (cont)
LM End	2.08	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_31185_57090.jpg



Markers visible of crossing on bridge.

Photo 3 of 3 : UCIP_SP_2017_31185_57089.jpg



Marker of crossing on floodwall indicating crossing through levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	2.08	Rating **	M	Issue No.	194
LM End	2.08	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627242 °	38.627242 °
				-121.432469 °	-121.432469 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31424					
DS_ID:24797					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: no permit--need to determine additional information and owner of crossings.					
FIELD_STRUCT_DESC: 1-4 inch conduit and 1-2 inch communication cable through levee. Conduits are suspended through waterway and attached to downstream face of bridge.					
FS Date: 12/19/2013					

Photo 1 of 2 : UCIP_SP_2017_31424_57481.jpg



View of waterward side--conduits visible on bridge face.

LM Start	2.08	Rating **	M	Issue No.	194 (cont)
LM End	2.08	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2017_31424_57480.jpg



Service box located on sidewalk unable to determine if box belongs to conduits.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 02 Natomas E Canal			Left	3.93
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/15/2017 - 5/3/2017			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Ross Kawamura ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.06	Rating **	M	Issue No.	19
LM End	0.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.603575 °	38.603575 °
				-121.471976 °	-121.471976 °
DWR ID	DWR_NA0001_02_s_2017_19				
Comment Code					
ST : Stairway					
Inspector Comment					
Stairs dug into the levee slope by transients.					

Photo 1 of 1 : SP_2017_NA0001_52_19_20170327_00042.jpg



View of the stairs dug into the landside levee slope.

LM Start	0.09	Rating **	A/W	Issue No.	28
LM End	0.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.603765 °	38.603878 °
				-121.471642 °	-121.471448 °
DWR ID	DWR_NA0001_02_f_2015_28				
Comment Code					
Inspector Comment					
LMA backfilled the holes. This area should be monitored for future rodent activity.					

Photo 1 of 2 : SP_2017_NA0001_52_28_20170313_00008.jpg



View of the rodent holes on the landside levee slope.

LM Start	0.09	Rating **	A/W	Issue No.	28 (cont)
LM End	0.10	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_NA0001_52_28_20170313_00009.jpg



Another view of the rodent holes on the landside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.33	Rating **	M	Issue No.	2
LM End	0.33	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.605822 °	38.605822 °
				-121.468078 °	-121.468078 °
DWR ID	DWR_NA0001_02_s_2012_2				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole in levee					

Photo 1 of 1 : SP_2017_NA0001_52_2_20170313_00001.jpg



04/13/2011 Power pole is in the levee on the water side.

LM Start	0.36	Rating **	M	Issue No.	151
LM End	0.36	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.606204 °	38.606204 °
				-121.467817 °	-121.467817 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31443 DS_ID:24798 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: no permit (unauthorize crossing)--need to determine additional information about crossing. Unable to determine if pipe crosses levee. FIELD_STRUCT_DESC: 4-inch HDPE pipe through levee at unknown depth. FS Date: 12/6/2013					

Photo 1 of 3 : UCIP_SP_2017_31443_57484.jpg



View of waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.36	Rating **	M	Issue No.	151 (cont)	
LM End	0.36	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.606204 °	38.606204 °	
				-121.467817 °	-121.467817 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31443						
DS_ID:24798						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: no permit (unauthorize crossing)--need to determine additional information about crossing. Unable to determine if pipe crosses levee.						
FIELD_STRUCT_DESC: 4-inch HDPE pipe through levee at unknown depth.						
FS Date: 12/6/2013						

Photo 2 of 3 : UCIP_SP_2017_31443_57483.jpg



View of pipe through levee.

LM Start	0.36	Rating **	M	Issue No.	151 (cont)
LM End	0.36	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_31443_57482.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.55	Rating **	M	Issue No.	152
LM End	0.55	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.608870 °	38.608870 °
				-121.466856 °	-121.466856 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:49533

DS_ID:24274

EP_NO: 6064

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: 08/29/2016 Facility details confirmed by the City of Sacramento only one 36-inch WSP goes through levee at this location. Ownership in the CVFPB records still shows ARFCD. Efforts to update CVFPB records are in-progress, owner of this facility is the City of Sacramento. Need to coordinate with ARFCD and City of Sacramento to determine the fate of Pump Station 3. (DWR UCIP - Olivia M)12/19/2013 Need to determine the status of crossing. Unable to confirm if crossing found in field corresponds to this entry.

FIELD_STRUCT_DESC: [Sump No. 153] 36-inch welded steel drainage pipe (WSP) with 15/32-inch wall thickness through the levee, 5.2 feet below the crown. Corrugated metal (CM) cutoff wall around pipe between center and waterside (WS) shoulder. Siphon breaker in concrete box on WS slope. 36-inch pipe connects, past LS toe, through header 2-30 inch WSP and 1-12 inch WSP at this facility. Pump station located on landside (LS). Concrete "U" headwall and flap gate are located on the WS end. Rock revetment on WS slope. On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 3 as described by ARFCD and described by the City of Sacramento as Sump 153. Pump Station 3 was replaced by Sump 3. (Sump 153 installed under Permit No. 6064 and 6064-A, 1968 - American River Flood Control District [ARFCD]) [Additional Reference (s): DWR Levee Log, 2002, City of Sacramento D 151-159_CC1995-95-062_Transfer of Drainage Sumps to City from ARFCD, and City of Sacramento Sump 153 Plan and Profile]

FS Date: 12/19/2013

Photo 1 of 3 : UCIP_SP_2017_49533_55042.jpg



View of landward side--pump station with multiple pumps.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.55	Rating **	M	Issue No.	152 (cont)
LM End	0.55	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.608870 °	38.608870 °
				-121.466856 °	-121.466856 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:49533
DS_ID:24274
EP_NO: 6064
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 08/29/2016 Facility details confirmed by the City of Sacramento only one 36-inch WSP goes through levee at this location. Ownership in the CVFPB records still shows ARFCD. Efforts to update CVFPB records are in-progress, owner of this facility is the City of Sacramento. Need to coordinate with ARFCD and City of Sacramento to determine the fate of Pump Station 3. (DWR UCIP - Olivia M)12/19/2013 Need to determine the status of crossing. Unable to confirm if crossing found in field corresponds to this entry.
FIELD_STRUCT_DESC: [Sump No. 153] 36-inch welded steel drainage pipe (WSP) with 15/32-inch wall thickness through the levee, 5.2 feet below the crown. Corrugated metal (CM) cutoff wall around pipe between center and waterside (WS) shoulder. Siphon breaker in concrete box on WS slope. 36-inch pipe connects, past LS toe, through header 2-30 inch WSP and 1-12 inch WSP at this facility. Pump station located on landside (LS). Concrete "U" headwall and flap gate are located on the WS end. Rock revetment on WS slope. On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 3 as described by ARFCD and described by the City of Sacramento as Sump 153. Pump Station 3 was replaced by Sump 3. (Sump 153 installed under Permit No. 6064 and 6064-A, 1968 - American River Flood Control District [ARFCD]) [Additional Reference (s): DWR Levee Log, 2002, City of Sacramento D 151-159_CC1995-95-062_Transfer of Drainage Sumps to City from ARFCD, and City of Sacramento Sump 153 Plan and Profile]
FS Date: 12/19/2013

Photo 2 of 3 : UCIP_SP_2017_49533_55041.jpg



Vault located on levee crown.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.55	Rating **	M	Issue No.	152 (cont)
LM End	0.55	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.608870 °	38.608870 °
				-121.466856 °	-121.466856 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:49533
DS_ID:24274
EP_NO: 6064
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 08/29/2016 Facility details confirmed by the City of Sacramento only one 36-inch WSP goes through levee at this location. Ownership in the CVFPB records still shows ARFCD. Efforts to update CVFPB records are in-progress, owner of this facility is the City of Sacramento. Need to coordinate with ARFCD and City of Sacramento to determine the fate of Pump Station 3. (DWR UCIP - Olivia M)12/19/2013 Need to determine the status of crossing. Unable to confirm if crossing found in field corresponds to this entry.
FIELD_STRUCT_DESC: [Sump No. 153] 36-inch welded steel drainage pipe (WSP) with 15/32-inch wall thickness through the levee, 5.2 feet below the crown. Corrugated metal (CM) cutoff wall around pipe between center and waterside (WS) shoulder. Siphon breaker in concrete box on WS slope. 36-inch pipe connects, past LS toe, through header 2-30 inch WSP and 1-12 inch WSP at this facility. Pump station located on landside (LS). Concrete "U" headwall and flap gate are located on the WS end. Rock revetment on WS slope. On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 3 as described by ARFCD and described by the City of Sacramento as Sump 153. Pump Station 3 was replaced by Sump 3. (Sump 153 installed under Permit No. 6064 and 6064-A, 1968 - American River Flood Control District [ARFCD]) [Additional Reference (s): DWR Levee Log, 2002, City of Sacramento D 151-159_CC1995-95-062_Transfer of Drainage Sumps to City from ARFCD, and City of Sacramento Sump 153 Plan and Profile]
FS Date: 12/19/2013

Photo 3 of 3 : UCIP_SP_2017_49533_55040.jpg



Concrete headwall visible on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.55	Rating **	M	Issue No.	153
LM End	0.55	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.608763 °	38.608763 °
				-121.466885 °	-121.466885 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:51428
DS_ID:24612
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Not Found
UCIP Comments: 08/29/2016 Facility details confirmed by the City of Sacramento. This crossing was an existing pipe that was mentioned in Permit No. 6064 and 6064-A under the following conditions: Thirteen: "that the existing 36-inch diameter corrugated metal pipe shall be allowed to remain in place for a period of 10 years, (until May 1978), at which time if the old pumping plant has not been used the pipe through the levee shall be removed by the applicant." and Fifteen: "That the existing 36-inch pipe shall be properly capped or sealed on both ends. Need to coordinate with the City of Sacramento and ARFCD to determine the fate of this crossing. Application No. 6064 references U.S. Corps of Engineers Stat. 217+00 as Pump Plant No. 3. (DWR UCIP - O. Magana)12/19/2013 Multiple pumps visible on landward side however unable to confirm additional crossings. Only 1 crossing was found at this location. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: [Pump Station 3] 24-inch corrugated metal drainage pipe sleeved through existing 30-inch corrugated metal pipe (CMP) through the levee, annular gap grouted. (unknown year 24-inch was sleeved) 30-inch steel pipe sleeved through 36-inch CM pipe through the levee, 23.8 feet below the crown. (30-inch was sleeved in 1958) Annular gap grouted. A gate structure and slide gate are located on the pipe in the waterside (WS) slope of the levee. Siphon breaker in concrete box on the WS slope. Pump on structure over concrete box on the landside (LS). Previously known as Pump Station 3/Pump Plant No. 3 by American River Flood Control District. This crossing is approximately 40 feet downstream from what is now referred to as Sump 153 by the City of Sacramento. (facility was authorized to remain under Permit No. 6064 and 6064-A, 1968 - American River Flood Control District [ARFCD]; 30-inch was sleeved through 36-inch pipe under Permit No. 2553, 1958-[ARFCD]) [Additional Reference(s): DWR Levee Log, 2002, City of Sacramento D 151-159_CC1995-95-062_Transfer of Drainage Sumps to City from ARFCD, and City of Sacramento Sump 153 Plan and Profile] [Additional Reference(s): DWR Levee Log, 2002, city of Sacramento D 151-159_CC1995-95-062_Transfer of Drainage Sumps to City from ARFCD, and City of Sacramento Sump 153 Plan and Profile, and USACE Sacramento O&M Manual Unit 118 Part 2, October 1959, (Station 216+00)].
FS Date: 12/19/2013

Photo 1 of 2 : UCIP_SP_2017_51428_75580.jpg



Approx. location of USACE O&M original 36-inch located 40 feet downstream from Sump 153.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

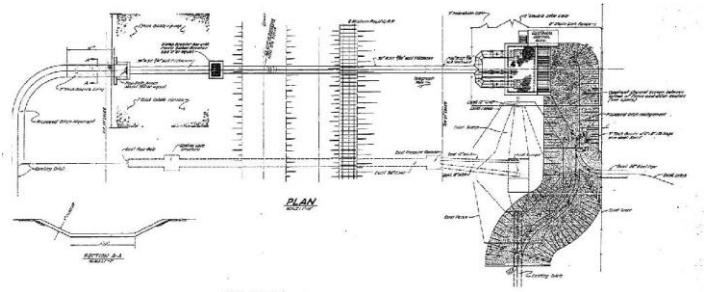
LM Start	0.55	Rating **	M	Issue No.	153 (cont)
LM End	0.55	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.608763 °	38.608763 °
				-121.466885 °	-121.466885 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:51428
DS_ID:24612
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Not Found
UCIP Comments: 08/29/2016 Facility details confirmed by the City of Sacramento. This crossing was an existing pipe that was mentioned in Permit No. 6064 and 6064-A under the following conditions: Thirteen: "that the existing 36-inch diameter corrugated metal pipe shall be allowed to remain in place for a period of 10 years, (until May 1978), at which time if the old pumping plant has not been used the pipe through the levee shall be removed by the applicant." and Fifteen: "That the existing 36-inch pipe shall be properly capped or sealed on both ends. Need to coordinate with the City of Sacramento and ARFCD to determine the fate of this crossing. Application No. 6064 references U.S. Corps of Engineers Stat. 217+00 as Pump Plant No. 3. (DWR UCIP - O. Magana)12/19/2013 Multiple pumps visible on landward side however unable to confirm additional crossings. Only 1 crossing was found at this location. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: [Pump Station 3] 24-inch corrugated metal drainage pipe sleeved through existing 30-inch corrugated metal pipe (CMP) through the levee, annular gap grouted. (unknown year 24-inch was sleeved) 30-inch steel pipe sleeved through 36-inch CM pipe through the levee, 23.8 feet below the crown. (30-inch was sleeved in 1958) Annular gap grouted. A gate structure and slide gate are located on the pipe in the waterside (WS) slope of the levee. Siphon breaker in concrete box on the WS slope. Pump on structure over concrete box on the landside (LS). Previously known as Pump Station 3/Pump Plant No. 3 by American River Flood Control District. This crossing is approximately 40 feet downstream from what is now referred to as Sump 153 by the City of Sacramento. (facility was authorized to remain under Permit No. 6064 and 6064-A, 1968 - American River Flood Control District [ARFCD]; 30-inch was sleeved through 36-inch pipe under Permit No. 2553, 1958-[ARFCD]) [Additional Reference(s): DWR Levee Log, 2002, City of Sacramento D 151-159_CC1995-95-062_Transfer of Drainage Sumps to City from ARFCD, and City of Sacramento Sump 153 Plan and Profile] [Additional Reference(s): DWR Levee Log, 2002, city of Sacramento D 151-159_CC1995-95-062_Transfer of Drainage Sumps to City from ARFCD, and City of Sacramento Sump 153 Plan and Profile, and USACE Sacramento O&M Manual Unit 118 Part 2, October 1959, (Station 216+00)].
FS Date: 12/19/2013

Photo 2 of 2 : UCIP_SP_2017_51428_75578.jpg



Sump 153 Plan and Profile, existing Pump Plant No. 3 referenced.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.73	Rating **	M	Issue No.	24
LM End	0.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.611529 °	38.611529 °
				-121.466801 °	-121.466801 °
DWR ID	DWR_NA0001_02_s_2016_24				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Rodents still active in this area.					

Photo 1 of 1 : SP_2017_NA0001_52_24_20170313_00004.jpg



View of the rodent holes in the waterside levee slope.

LM Start	1.02	Rating **	M	Issue No.	154
LM End	1.02	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.615697 °	38.615697 °
				-121.466952 °	-121.466952 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42132 DS_ID:24613 EP_NO: 2347 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present however unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details--confirm pipe size, alignment, and last inspection completed confirming integrity of crossing.Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing. FIELD_STRUCT_DESC: 6-inch gas line through the levee, 2.5 feet below the crown. For emergencies contact PG&E at 1-800-811-411. (Permit No. 2347-1957) FS Date: 12/19/2013					

Photo 1 of 3 : UCIP_SP_2017_42132_55451.jpg



Overview of levee crown with utility gas markers on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.02	Rating **	M	Issue No.	154 (cont)
LM End	1.02	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.615697 °	38.615697 °
				-121.466952 °	-121.466952 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:42132
DS_ID:24613
EP_NO: 2347
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present however unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details--confirm pipe size, alignment, and last inspection completed confirming integrity of crossing. Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing.
FIELD_STRUCT_DESC: 6-inch gas line through the levee, 2.5 feet below the crown. For emergencies contact PG&E at 1-800-811-411. (Permit No. 2347-1957)
FS Date: 12/19/2013

LM Start	1.02	Rating **	M	Issue No.	154 (cont)
LM End	1.02	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_42132_55453.jpg



Contact information for owner--sign visible on waterward side slope.

Photo 3 of 3 : UCIP_SP_2017_42132_55452.jpg



Multiple markers visible on waterward side--post with contact information.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

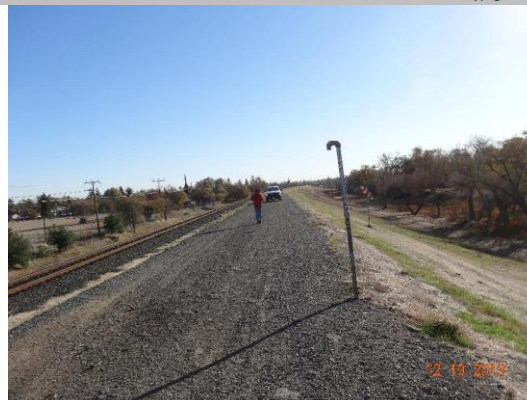
Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.03	Rating **	M	Issue No.	155
LM End	1.03	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.615760 °	38.615760 °
				-121.466950 °	-121.466950 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42130 DS_ID:24277 EP_NO: 2333 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present however unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details--confirm pipe size, alignment, and last inspection completed confirming integrity of crossing.Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing. FIELD_STRUCT_DESC: 12-inch gas line through the levee, 3.0 feet below the crown. For emergencies contact PG&E at 1-800-811-4111. (Permit No. 2333-1957) FS Date: 12/19/2013					

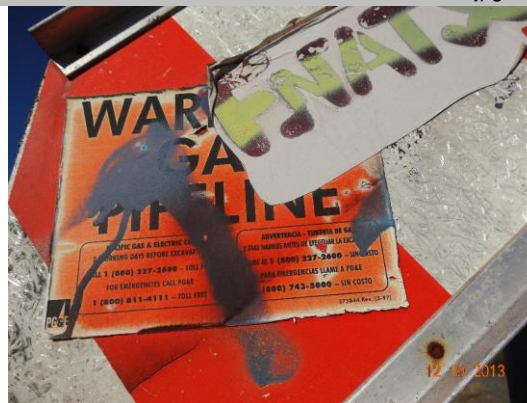
Photo 1 of 3 : UCIP_SP_2017_42130_52766.jpg



Overview of levee crown at crossings.

LM Start	1.03	Rating **	M	Issue No.	155 (cont)
LM End	1.03	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_42130_52768.jpg



Marker with emergency contact information located on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.03	Rating **	M	Issue No.	155 (cont)	
LM End	1.03	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.615760 °	38.615760 °	
				-121.466950 °	-121.466950 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:42130 DS_ID:24277 EP_NO: 2333 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present however unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details--confirm pipe size, alignment, and last inspection completed confirming integrity of crossing.Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing. FIELD_STRUCT_DESC: 12-inch gas line through the levee, 3.0 feet below the crown. For emergencies contact PG&E at 1-800-811-4111. (Permit No. 2333-1957) FS Date: 12/19/2013						

Photo 3 of 3 : UCIP_SP_2017_42130_52767.jpg



Marker located on the waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

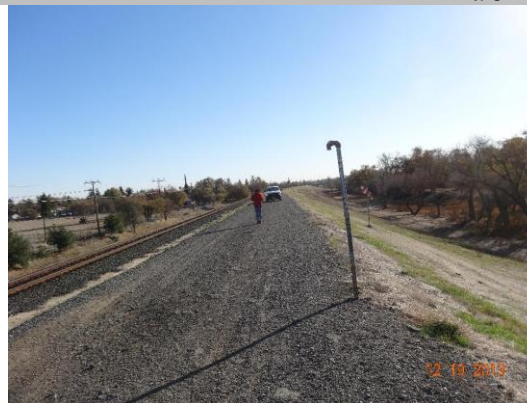
American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.03	Rating **	M	Issue No.	156
LM End	1.03	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.615772 °	38.615772 °
				-121.466971 °	-121.466971 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:28666 DS_ID:24614 EP_NO: 1949 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine if pipe was left inside levee as part of abandonment process. FIELD_STRUCT_DESC: *Abandoned* 12-inch steel gas line through the levee, 3.0 feet below the crown. Pipe grout filled. Concrete cutoff wall around pipe under center of levee. (Permit No. 1450-1949) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 243+31). Pipe abandoned under Permit No. 17468 (2004). FS Date: 12/19/2013					

LM Start	1.03	Rating **	M	Issue No.	156 (cont)
LM End	1.03	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_SP_2017_28666_52778.jpg



Overview of levee crown at crossings.

Photo 2 of 3 : UCIP_SP_2017_28666_52780.jpg



Marker with emergency contact information located on waterward slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.03	Rating **	M	Issue No.	156 (cont)
LM End	1.03	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.615772 °	38.615772 °
				-121.466971 °	-121.466971 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:28666 DS_ID:24614 EP_NO: 1949 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine if pipe was left inside levee as part of abandonment process. FIELD_STRUCT_DESC: *Abandoned* 12-inch steel gas line through the levee, 3.0 feet below the crown. Pipe grout filled. Concrete cutoff wall around pipe under center of levee. (Permit No. 1450-1949) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 243+31). Pipe abandoned under Permit No. 17468 (2004). FS Date: 12/19/2013					

Photo 3 of 3 : UCIP_SP_2017_28666_52779.jpg



Marker located on the waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.04	Rating **	M	Issue No.	157
LM End	1.04	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.615895 °	38.615895 °
				-121.466991 °	-121.466991 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42131 DS_ID:24280 EP_NO: 17468 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present however unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details--confirm pipe size, alignment, and last inspection completed confirming integrity of crossing.Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing. FIELD_STRUCT_DESC: 20-inch steel gas pipe through the levee, approximately 86.0 feet below the crown. For emergencies contact PG&E at 1-800-811-4111. (Permit No. 17468-2004) FS Date: 12/19/2013					

LM Start	1.04	Rating **	M	Issue No.	157 (cont)
LM End	1.04	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_SP_2017_42131_52772.jpg



Overview of levee crown looking downstream at signs of crossings.

Photo 2 of 3 : UCIP_SP_2017_42131_52774.jpg



Marker visible on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.04	Rating **	M	Issue No.	157 (cont)
LM End	1.04	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.615895 °	38.615895 °
				-121.466991 °	-121.466991 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42131 DS_ID:24280 EP_NO: 17468 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Markers present however unable to confirm pipe size. Recommend LMA to contact owner to determine additional information details--confirm pipe size, alignment, and last inspection completed confirming integrity of crossing.Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing. FIELD_STRUCT_DESC: 20-inch steel gas pipe through the levee, approximately 86.0 feet below the crown. For emergencies contact PG&E at 1-800-811-4111. (Permit No. 17468-2004) FS Date: 12/19/2013					

Photo 3 of 3 : UCIP_SP_2017_42131_52773.jpg



Additional marker located on waterward levee crown hinge point.

LM Start	1.40	Rating **	M	Issue No.	26
LM End	1.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.621054 °	38.621054 °
				-121.468008 °	-121.468008 °
DWR ID	DWR_NA0001_02_f_2015_26				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_52_26_20170313_00006.jpg



View of the damaged landside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	2.05	Rating **	M	Issue No.	25	
LM End	2.05	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.630425 °		38.630425 °
				-121.469807 °		-121.469807 °
DWR ID	DWR_NA0001_02_f_2015_25					
Comment Code						
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.						
Inspector Comment						

Photo 1 of 1 : SP_2017_NA0001_52_25_20170313_00005.jpg



View of the landside levee slope damaged by foot traffic.

LM Start	2.33	Rating **	A/W	Issue No.	150
LM End	2.33	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.634446 °	38.634446 °
				-121.470573 °	-121.470573 °
DWR ID	DWR_NA0001_02_s_2012_150				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Monitor erosion at this location. Also noted in USACE PI.					

Photo 1 of 2 : SP_2017_NA0001_52_150_20170327_00041.jpg



Spring 2017 - View of the depression, the issue has not gotten any worse since the fall 2011 inspection.

LM Start	2.33	Rating **	A/W	Issue No.	150 (cont)
LM End	2.33	Issue Type +	Ob	Location *	LS

Photo 2 of 2 : SP_2017_NA0001_52_150_20170313_00011.jpg



11/16/2011 Depressions present on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	2.52	Rating **	M	Issue No.	11
LM End	2.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.637177 °	38.637177 °
				-121.471076 °	-121.471076 °
DWR ID	DWR_NA0001_02_f_2013_11				
Comment Code					
MA : Material					
Inspector Comment					
Railroad rails on landside levee slope.					

Photo 1 of 1 : SP_2017_NA0001_52_11_20170313_00003.jpg



View of the rails at the landside levee toe.

LM Start	2.59	Rating **	M	Issue No.	27
LM End	2.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.638109°	38.638109°
				-121.471254°	-121.471254°
DWR ID	DWR_NA0001_02_f_2016_27				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_52_27_20170313_00007.jpg



View of the foot path on the landside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	2.79	Rating **	M	Issue No.	158	
LM End	2.79	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.640988 °	38.640988 °	
				-121.471797 °	-121.471797 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:49862 DS_ID:24608 EP_NO: 9596 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Dense vegetation on waterward side limits inspector's inspection. Recommend removing vegetation. FIELD_STRUCT_DESC: [Sump No. 157] 1 of 3: 54-inch steel drainage pipe through the levee, 3 feet below the crown. Steel cutoff wall around pipe under center of levee. Siphon breaker in protective housing located on the waterside (WS) shoulder. Concrete headwall and flap gate located on the WS end. Trench on WS. Pumping plant located on the landside (LS). On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 7 as described by ARFCD and described by the City of Sacramento as Sump 157. (three 54-inch pipes installed in the siphon breaker structure but only one pipe installed through levee under Permit No. 9596, 9596-A, and 1975 - American River Flood Control District; second pipe installed through levee under Permit No. 9596-B, 1980 - American River Flood Control District; name change completed under Permit 9596-1 (includes work authorized under Permit No. 9596, 9596-A, and 9596-B), 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/20/2013						

LM Start	2.79	Rating **	M	Issue No.	158 (cont)
LM End	2.79	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_49862_52893.jpg



Overview of levee crown.

Photo 2 of 3 : UCIP_SP_2017_49862_52891.jpg



Concrete box contains 3-54 inch crossings.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	2.79	Rating **	M	Issue No.	158 (cont)	
LM End	2.79	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.640988 °		38.640988 °
				-121.471797 °		-121.471797 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:49862 DS_ID:24608 EP_NO: 9596 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Dense vegetation on waterward side limits inspector's inspection. Recommend removing vegetation. FIELD_STRUCT_DESC: [Sump No. 157] 1 of 3: 54-inch steel drainage pipe through the levee, 3 feet below the crown. Steel cutoff wall around pipe under center of levee. Siphon breaker in protective housing located on the waterside (WS) shoulder. Concrete headwall and flap gate located on the WS end. Trench on WS. Pumping plant located on the landside (LS). On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 7 as described by ARFCD and described by the City of Sacramento as Sump 157. (three 54-inch pipes installed in the siphon breaker structure but only one pipe installed through levee under Permit No. 9596, 9596-A, and 1975 - American River Flood Control District; second pipe installed through levee under Permit No. 9596-B, 1980 - American River Flood Control District; name change completed under Permit 9596-1 (includes work authorized under Permit No. 9596, 9596-A, and 9596-B), 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/20/2013						

Photo 3 of 3 : UCIP_SP_2017_49862_52894.jpg



Dense vegetation located on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	2.79	Rating **	M	Issue No.	159
LM End	2.79	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.641016°	38.641016°
				-121.471805°	-121.471805°
DWR ID					

Comment Code

Inspector Comment

FS_ID:49863
DS_ID:24609
EP_NO: 9596
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Dense vegetation on waterward side limits inspector's inspection--recommend removing vegetation to clear waterward slope.
FIELD_STRUCT_DESC: [Sump No. 157] 2 of 3: 54-inch steel drainage pipe through the levee, 3 feet below the crown. Steel cutoff wall around pipe under center of levee. Siphon breaker in protective housing located on the waterside (WS) shoulder. Concrete headwall and flap gate located on the WS end. Trench on WS. Pumping plant located on the landside (LS). On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 7 as described by ARFCD and described by the City of Sacramento as Sump 157. (three 54-inch pipes installed in the siphon breaker structure but only one pipe installed through levee under Permit No. 9596, 9596-A, and 1975 - American River Flood Control District; second pipe installed through levee under Permit No. 9596-B, 1980 - American River Flood Control District; name change completed under Permit 9596-1 (includes work authorized under Permit No. 9596, 9596-A, and 9596-B), 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002]
FS Date: 12/20/2013

LM Start	2.79	Rating **	M	Issue No.	159 (cont)
LM End	2.79	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_49863_52902.jpg



Overview of levee crown with two concrete boxes with multiple crossings inside.

Photo 2 of 3 : UCIP_SP_2017_49863_52901.jpg



Concrete box contains 3-54 inch crossings.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	2.79	Rating **	M	Issue No.	159 (cont)
LM End	2.79	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.641016 °	38.641016 °
				-121.471805 °	-121.471805 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49863 DS_ID:24609 EP_NO: 9596 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Dense vegetation on waterward side limits inspector's inspection--recommend removing vegetation to clear waterward slope. FIELD_STRUCT_DESC: [Sump No. 157] 2 of 3: 54-inch steel drainage pipe through the levee, 3 feet below the crown. Steel cutoff wall around pipe under center of levee. Siphon breaker in protective housing located on the waterside (WS) shoulder. Concrete headwall and flap gate located on the WS end. Trench on WS. Pumping plant located on the landside (LS). On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 7 as described by ARFCD and described by the City of Sacramento as Sump 157. (three 54-inch pipes installed in the siphon breaker structure but only one pipe installed through levee under Permit No. 9596, 9596-A, and 1975 - American River Flood Control District; second pipe installed through levee under Permit No. 9596-B, 1980 - American River Flood Control District; name change completed under Permit 9596-1 (includes work authorized under Permit No. 9596, 9596-A, and 9596-B), 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 12/20/2013					

Photo 3 of 3 : UCIP_SP_2017_49863_52906.jpg



Dense vegetation located on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	2.79	Rating **	U	Issue No.	160
LM End	2.79	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.641041 °	38.641041 °
				-121.471809 °	-121.471809 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:51261
DS_ID:24610
EP_NO: 9596-1
Repair Type: Urgent
Crossing Status: Indicator Found
UCIP Comments: 09/19/2016 LMA obtained photos of the pipes while the City of Sacramento was conducting work on the air relief valves, third pipe is a partial install unable to determine the total length of the pipe through the levee. (DWR UCIP - omagana)08/11/2016 Based on permit review for 9596, 9596-A, and 9596-B it appears that the third pipe was never installed through the levee and only the WS pipe section in the siphon breaker was installed. The section through the levee is to be installed as a future enlargement of the Pumping Plant. Need to coordinate with owner to determine how pipe is sealed through the levee. Gate missing on WS. (DWR UCIP - omagana)12/20/2013 Signs of pipe removal are visible on waterward and landward side--gate missing on WS and pump missing on LS. Need to contact owner to determine status of crossing. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: *PARTIAL INSTALL* [Sump No. 157] 3 of 3: 54-inch installed in the siphon breaker structure but not through levee. 54-inch steel drainage to be installed through the levee as part of a future expansion-no date specified as of 2016. Siphon breaker in protective housing on waterside (WS) shoulder. Concrete headwall with open WS end. Trench on WS. Pumping plant on landside (LS). On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 7 as described by ARFCD and described by the City of Sacramento as Sump 157. (three 54-inch pipes installed in the siphon breaker structure but only one pipe installed through levee under Permit No. 9596, 9596-A, and 1975 - American River Flood Control District; second pipe installed through levee under Permit No. 9596-B, 1980 - American River Flood Control District; name change completed under Permit 9596-1 (includes work authorized under Permit No. 9596, 9596-A, and 9596-B), 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002]
FS Date: 8/11/2016

Photo 1 of 3 : UCIP_SP_2017_51261_52912.jpg



Overview of levee crown with two concrete boxes with multiple crossings inside.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	2.79	Rating **	U	Issue No.	160 (cont)
LM End	2.79	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.641041 °	38.641041 °
				-121.471809 °	-121.471809 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:51261
DS_ID:24610
EP_NO: 9596-1
Repair Type: Urgent
Crossing Status: Indicator Found
UCIP Comments: 09/19/2016 LMA obtained photos of the pipes while the City of Sacramento was conducting work on the air relief valves, third pipe is a partial install unable to determine the total length of the pipe through the levee. (DWR UCIP - omagana)08/11/2016 Based on permit review for 9596, 9596-A, and 9596-B it appears that the third pipe was never installed through the levee and only the WS pipe section in the siphon breaker was installed. The section through the levee is to be installed as a future enlargement of the Pumping Plant. Need to coordinate with owner to determine how pipe is sealed through the levee. Gate missing on WS. (DWR UCIP - omagana)12/20/2013 Signs of pipe removal are visible on waterward and landward side--gate missing on WS and pump missing on LS. Need to contact owner to determine status of crossing. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: *PARTIAL INSTALL* [Sump No. 157] 3 of 3: 54-inch installed in the siphon breaker structure but not through levee. 54-inch steel drainage to be installed through the levee as part of a future expansion-no date specified as of 2016. Siphon breaker in protective housing on waterside (WS) shoulder. Concrete headwall with open WS end. Trench on WS. Pumping plant on landside (LS). On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 7 as described by ARFCD and described by the City of Sacramento as Sump 157. (three 54-inch pipes installed in the siphon breaker structure but only one pipe installed through levee under Permit No. 9596, 9596-A, and 1975 - American River Flood Control District; second pipe installed through levee under Permit No. 9596-B, 1980 - American River Flood Control District; name change completed under Permit 9596-1 (includes work authorized under Permit No. 9596, 9596-A, and 9596-B), 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002]
FS Date: 8/11/2016

Photo 2 of 3 : UCIP_SP_2017_51261_52910.jpg



Concrete box contains 3-54 inch crossings.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	2.79	Rating **	U	Issue No.	160 (cont)
LM End	2.79	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.641041 °	38.641041 °
				-121.471809 °	-121.471809 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:51261
DS_ID:24610
EP_NO: 9596-1
Repair Type: Urgent
Crossing Status: Indicator Found
UCIP Comments: 09/19/2016 LMA obtained photos of the pipes while the City of Sacramento was conducting work on the air relief valves, third pipe is a partial install unable to determine the total length of the pipe through the levee. (DWR UCIP - omagana)08/11/2016 Based on permit review for 9596, 9596-A, and 9596-B it appears that the third pipe was never installed through the levee and only the WS pipe section in the siphon breaker was installed. The section through the levee is to be installed as a future enlargement of the Pumping Plant. Need to coordinate with owner to determine how pipe is sealed through the levee. Gate missing on WS. (DWR UCIP - omagana)12/20/2013 Signs of pipe removal are visible on waterward and landward side--gate missing on WS and pump missing on LS. Need to contact owner to determine status of crossing. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: *PARTIAL INSTALL* [Sump No. 157] 3 of 3: 54-inch installed in the siphon breaker structure but not through levee. 54-inch steel drainage to be installed through the levee as part of a future expansion-no date specified as of 2016. Siphon breaker in protective housing on waterside (WS) shoulder. Concrete headwall with open WS end. Trench on WS. Pumping plant on landside (LS). On March 28, 1995, the Sacramento City Council adopted Resolution No. 95-123 authorizing the execution of Agreement No. 95-065 regarding the transfer of drainage facilities that include Pump Station 7 as described by ARFCD and described by the City of Sacramento as Sump 157. (three 54-inch pipes installed in the siphon breaker structure but only one pipe installed through levee under Permit No. 9596, 9596-A, and 1975 - American River Flood Control District; second pipe installed through levee under Permit No. 9596-B, 1980 - American River Flood Control District; name change completed under Permit 9596-1 (includes work authorized under Permit No. 9596, 9596-A, and 9596-B), 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002]
FS Date: 8/11/2016

Photo 3 of 3 : UCIP_SP_2017_51261_52913.jpg



Gate missing for 3rd pipe on WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	2.92	Rating **	A/W	Issue No.	6
LM End	2.92	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.642950 °	38.642950 °
				-121.472166 °	-121.472166 °
DWR ID	DWR_NA0001_02_f_2012_6				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Monitor this location.					

Photo 1 of 1 : SP_2017_NA0001_52_6_20170313_00002.jpg



View of landside slope instability.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 03 American River			Right	2.86
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/21/2017 - 5/3/2017			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Ross Kawamura ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	03/21/2017 05/03/2017	Maksim Khashchuk

LM Start	0.76	Rating **	C	Issue No.	25
LM End	0.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.589401 °	38.589401 °
				-121.431231 °	-121.431231 °
DWR ID	DWR_NA0001_03_s_2017_25				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
The LMA removed the stump and restored the levee back to original slope.					

No Photos

LM Start	0.81	Rating **	M	Issue No.	23
LM End	0.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.589531 °	38.589531 °
				-121.432133 °	-121.432133 °
DWR ID	DWR_NA0001_03_s_2017_23				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent burrows at levee toe.					

Photo 1 of 1 : SP_2017_NA0001_490_23_20170406_00035.jpg



View of the rodent burrow at the levee toe.

LM Start	0.91	Rating **	N	Issue No.	22
LM End	0.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.589752 °	38.589752 °
				-121.433962 °	-121.433962 °
DWR ID	DWR_NA0001_03_s_2016_22				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_490_22_20170313_00002.jpg



View of the tree stump on the landside levee slope.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	03/21/2017 05/03/2017	Maksim Khashchuk

LM Start	1.04	Rating **	U	Issue No.	21
LM End	1.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.590073 °	38.590073 °
				-121.436362 °	-121.436362 °
DWR ID	DWR_NA0001_03_s_2017_21				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Remove stump and recompact the area with appropriate levee fill.					

Photo 1 of 1 : SP_2017_NA0001_490_21_20170406_00034.jpg



View of the tree stump at the levee toe.

LM Start	1.53	Rating **	M	Issue No.	26
LM End	1.53	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593054 °	38.593054 °
				-121.444155 °	-121.444155 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:50047 DS_ID:24292 EP_NO: 5776 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 8/11/2016 Issue has been addressed--no hole is present at site. Hole could have been associated with burrow activity. Need to contact owner to obtain internal integrity inspection to confirm pipe is in good condition. Crossing has been changed from Urgent to Non-Urgent due to limited evidence to support leak in pipe. (DWR UCIP - omagana)12/3/2013 Hole present next to concrete vault on levee crown (waterward side). Hole could be sink hole or burrow activity unable to determine. Need to contact owner to determine status of crossing and to investigate hole. (DWR UCIP - omagana) FIELD_STRUCT_DESC: [Drainage Plant No. 2] 7 of 8: 18-inch steel drainage pipe through the levee at an unknown depth below the crown. Metal cutoff wall around pipe under landside (LS) shoulder. Siphon breakers in concrete box located on the waterside (WS) shoulder. Pumping plant at LS toe. Access ramp to pumping plant located on LS. Concrete discharge box located on the WS. Flap gate located on the WS end. Outfall structure located on the WS. (Permit No. 5776, 1972 - American River Flood Control District; name change completed under Permit No. 5776-1, 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 8/11/2016					

Photo 1 of 3 : UCIP_SP_2017_50047_53005.jpg



View of WS.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	03/21/2017 05/03/2017	Maksim Khashchuk

LM Start	1.53	Rating **	M	Issue No.	26 (cont)	
LM End	1.53	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.593054 °	38.593054 °	
				-121.444155 °	-121.444155 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50047						
DS_ID:24292						
EP_NO: 5776						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 8/11/2016 Issue has been addressed--no hole is present at site. Hole could have been associated with burrow activity. Need to contact owner to obtain internal integrity inspection to confirm pipe is in good condition. Crossing has been changed from Urgent to Non-Urgent due to limited evidence to support leak in pipe. (DWR UCIP - omagana)12/3/2013 Hole present next to concrete vault on levee crown (waterward side). Hole could be sink hole or burrow activity unable to determine. Need to contact owner to determine status of crossing and to investigate hole. (DWR UCIP - omagana)						
FIELD_STRUCT_DESC: [Drainage Plant No. 2] 7 of 8: 18-inch steel drainage pipe through the levee at an unknown depth below the crown. Metal cutoff wall around pipe under landside (LS) shoulder. Siphon breakers in concrete box located on the waterside (WS) shoulder. Pumping plant at LS toe. Access ramp to pumping plant located on LS. Concrete discharge box located on the WS. Flap gate located on the WS end. Outfall structure located on the WS. (Permit No. 5776, 1972 - American River Flood Control District; name change completed under Permit No. 5776-1, 2016 - City of Sacramento) [Additional Reference(s): DWR Levee Log, 2002]						
FS Date: 8/11/2016						

LM Start	1.53	Rating **	M	Issue No.	26 (cont)
LM End	1.53	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_50047_53004.jpg



View of levee crown--concrete vault located on WS shoulder.

Photo 3 of 3 : UCIP_SP_2017_50047_53003.jpg



View of LS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	03/21/2017 05/03/2017	Maksim Khashchuk

LM Start	1.54	Rating **	M	Issue No.	27
LM End	1.54	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593290 °	38.593290 °
				-121.443980 °	-121.443980 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31224					
DS_ID:24644					
EP_NO: 2805					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate iwth owner to determine active crossings.					
FIELD_STRUCT_DESC: [Arden Treatment Plant] 3 of 4: 34-inch concrete encased sewer pipe through the levee, 7.5 feet below the crown. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing at waterside (WS) shoulder. Treatment plant on landside (LS).					
FS Date: 12/3/2013					

LM Start	1.54	Rating **	M	Issue No.	27 (cont)
LM End	1.54	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_31224_57130.jpg



View of levee crown and concrete box located on waterward shoulder.

Photo 2 of 3 : UCIP_SP_2017_31224_57129.jpg



Concrete box located on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	03/21/2017 05/03/2017	Maksim Khashchuk

LM Start	1.54	Rating **	M	Issue No.	27 (cont)	
LM End	1.54	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.593290 °		38.593290 °
				-121.443980 °		-121.443980 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31224 DS_ID:24644 EP_NO: 2805 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate iwth owner to determine active crossings. FIELD_STRUCT_DESC: [Arden Treatment Plant] 3 of 4: 34-inch concrete encased sewer pipe through the levee, 7.5 feet below the crown. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing at waterside (WS) shoulder. Treatment plant on landside (LS). FS Date: 12/3/2013						

Photo 3 of 3 : UCIP_SP_2017_31224_57128.jpg



View of landward side.

LM Start	1.54	Rating **	M	Issue No.	28
LM End	1.54	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593290 °	38.593290 °
				-121.443980 °	-121.443980 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31225 DS_ID:24645 EP_NO: 2805 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate with owner to determine active crossings. FIELD_STRUCT_DESC: [Arden Treatment Plant] 4 of 4: 34-inch concrete encased sewer pipe through the levee, 6.2 feet below the crown. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing at waterside (WS) shoulder. Treatment plant on landside (LS). FS Date: 12/3/2013					

Photo 1 of 3 : UCIP_SP_2017_31225_57135.jpg



View of levee crown and concrete box located on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	03/21/2017 05/03/2017	Maksim Khashchuk

LM Start	1.54	Rating **	M	Issue No.	28 (cont)	
LM End	1.54	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.593290 °		38.593290 °
				-121.443980 °		-121.443980 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31225						
DS_ID:24645						
EP_NO: 2805						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate with owner to determine active crossings.						
FIELD_STRUCT_DESC: [Arden Treatment Plant] 4 of 4: 34-inch concrete encased sewer pipe through the levee, 6.2 feet below the crown. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing at waterside (WS) shoulder. Treatment plant on landside (LS).						
FS Date: 12/3/2013						

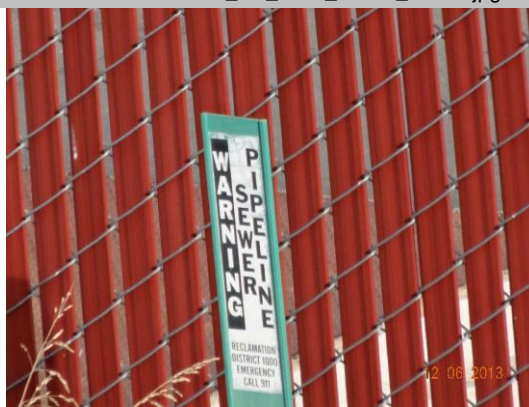
LM Start	1.54	Rating **	M	Issue No.	28 (cont)
LM End	1.54	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_31225_57134.jpg



View of landward side.

Photo 3 of 3 : UCIP_SP_2017_31225_57132.jpg



Sewer marker visible on landward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	03/21/2017 05/03/2017	Maksim Khashchuk

LM Start	1.54	Rating **	M	Issue No.	29
LM End	1.54	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593224 °	38.593224 °
				-121.444299 °	-121.444299 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31227					
DS_ID:24293					
EP_NO: 2805					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate with owner to determine active crossings.					
FIELD_STRUCT_DESC: [Co Sanitation District No. 2 Pump Station] 18-					
inch concrete sewer main through the levee, 6 feet below crown.					
Concrete cutoff wall around pipe under center of levee. 2-inch air					
release valve located on waterside (WS) shoulder. Treatment plant on					
landside (LS). Crossing continues under the channel and through the					
opposite levee. (Permit No. 2805-1961)					
FS Date: 12/3/2013					

LM Start	1.54	Rating **	M	Issue No.	29 (cont)
LM End	1.54	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_31227_57140.jpg



View of levee crown and concrete box located on waterward shoulder.

Photo 2 of 3 : UCIP_SP_2017_31227_57138.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	03/21/2017 05/03/2017	Maksim Khashchuk

LM Start	1.54	Rating **	M	Issue No.	29 (cont)	
LM End	1.54	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.593224 °		38.593224 °
				-121.444299 °		-121.444299 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31227						
DS_ID:24293						
EP_NO: 2805						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to confirm what crossings are going through						
levee. Will need to coordinate with owner to determine active crossings.						
FIELD_STRUCT_DESC: [Co Sanitation District No. 2 Pump Station] 18-						
inch concrete sewer main through the levee, 6 feet below crown.						
Concrete cutoff wall around pipe under center of levee. 2-inch air						
release valve located on waterside (WS) shoulder. Treatment plant on						
landside (LS). Crossing continues under the channel and through the						
opposite levee. (Permit No. 2805-1961)						
FS Date: 12/3/2013						

Photo 3 of 3 : UCIP_SP_2017_31227_57143.jpg



View of levee crown looking upstream.

LM Start	1.55	Rating **	M	Issue No.	30
LM End	1.55	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593224 °	38.593224 °
				-121.444299 °	-121.444299 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31223 DS_ID:24643 EP_NO: 2805 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate iwth owner to determine active crossings. FIELD_STRUCT_DESC: [Co Sanitation District No. 2 Pump Station]: 24-inch reinforced concrete sewer main through the levee, 2.5 feet below the crown. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing at waterside (WS) shoulder. Treatment plant on landside (LS). (Permit No. 6216-1969) Line connects to an existing 18-inch sewer line and 8-inch line installed under permit no. 6216. The line also connects to an existing 24-inch line located on the LS. The 24-inch line on LS parallels the levee for approximately 54 feet and ends at the pump station. FS Date: 12/3/2013					

Photo 1 of 3 : UCIP_SP_2017_31223_57124.jpg



View of levee crown and concrete box located on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	03/21/2017 05/03/2017	Maksim Khashchuk

LM Start	1.55	Rating **	M	Issue No.	30 (cont)
LM End	1.55	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.593224 °	38.593224 °	
			-121.444299 °	-121.444299 °	
DWR ID					

Comment Code

Inspector Comment

FS_ID:31223
DS_ID:24643
EP_NO: 2805
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate iwth owner to determine active crossings.
FIELD_STRUCT_DESC: [Co Sanitation District No. 2 Pump Station]: 24-inch reinforced concrete sewer main through the levee, 2.5 feet below the crown. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing at waterside (WS) shoulder. Treatment plant on landside (LS). (Permit No. 6216-1969) Line connects to an existing 18-inch sewer line and 8-inch line installed under permit no. 6216. The line also connects to an existing 24-inch line located on the LS. The 24-inch line on LS parallels the levee for approximately 54 feet and ends at the pump station.
FS Date: 12/3/2013

LM Start	1.55	Rating **	M	Issue No.	30 (cont)
LM End	1.55	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_31223_57123.jpg



Concrete box located on waterward shoulder.

Photo 3 of 3 : UCIP_SP_2017_31223_57122.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	03/21/2017 05/03/2017	Maksim Khashchuk

LM Start	1.82	Rating **	M	Issue No.	9
LM End	1.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.595700 °	38.595700 °
				-121.448198 °	-121.448198 °
DWR ID	DWR_NA0001_03_s_2012_9				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_490_9_20170406_00033.jpg



View of the erosion on landside levee slope due to pedestrian traffic.

LM Start	1.91	Rating **	M	Issue No.	31
LM End	1.91	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.596096 °	38.596096 °
				-121.449815 °	-121.449815 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31230 DS_ID:24801 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit found--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: Gas line through levee at unknown depth. Markers visible on waterside (WS) and landside (LS). Kinder Morgan contact's information is 916-363-1666. FS Date: 12/6/2013					

Photo 1 of 3 : UCIP_SP_2017_31230_57146.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	03/21/2017 05/03/2017	Maksim Khashchuk

LM Start	1.91	Rating **	M	Issue No.	31 (cont)
LM End	1.91	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.596096 °	38.596096 °
				-121.449815 °	-121.449815 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31230					
DS_ID:24801					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit found--need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: Gas line through levee at unknown depth.					
Markers visible on waterside (WS) and landside (LS). Kinder Morgan contact's information is 916-363-1666.					
FS Date: 12/6/2013					

Photo 2 of 3 : UCIP_SP_2017_31230_57145.jpg



Overview of levee crown at crossing.

Photo 3 of 3 : UCIP_SP_2017_31230_57144.jpg



View of landward side.

LM Start	1.91	Rating **	M	Issue No.	31 (cont)
LM End	1.91	Issue Type +	En	Location *	LS

* Location
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating
 A : Acceptable
 M : Minimally Acceptable
 U : Unacceptable
 N : Not Inspected/Rated
 C : Corrected
 A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	03/21/2017 05/03/2017	Maksim Khashchuk

LM Start	1.91	Rating **	M	Issue No.	32
LM End	1.91	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.596108 °	38.596108 °
				-121.449887 °	-121.449887 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29826 DS_ID:24294 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm the diameter size or which owner is responsible for crossing. Owner could be Quest Communication or MCI--Need to contact owner to confirm crossing and obtain encroachment permit for work. FIELD_STRUCT_DESC: Communications conduit through the levee at unknown depth. FS Date: 12/6/2013					

Photo 1 of 3 : UCIP_SP_2017_29826_55135.jpg



Overview of levee crown looking upstram at crossing.

LM Start	1.91	Rating **	M	Issue No.	32 (cont)
LM End	1.91	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_29826_55134.jpg



View of landward side--conduit markers visible.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	03/21/2017 05/03/2017	Maksim Khashchuk

LM Start	1.91	Rating **	M	Issue No.	32 (cont)	
LM End	1.91	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.596108 °	38.596108 °	
				-121.449887 °	-121.449887 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:29826						
DS_ID:24294						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to confirm the diameter size or which owner is responsible for crossing. Owner could be Quest Communication or MCI--Need to contact owner to confirm crossing and obtain encroachment permit for work.						
FIELD_STRUCT_DESC: Communications conduit through the levee at unknown depth.						
FS Date: 12/6/2013						

Photo 3 of 3 : UCIP_SP_2017_29826_55133.jpg



View of waterward side--markers visible.

LM Start	1.92	Rating **	M	Issue No.	33
LM End	1.92	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.596108 °	38.596108 °
				-121.449887 °	-121.449887 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29827					
DS_ID:24296					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to confirm the diameter size or which owner is responsible for crossing. Owner could be Quest Communication or MCI--Need to contact owner to confirm crossing and obtain encroachment permit for work.					
FIELD_STRUCT_DESC: 3-inch cable through the levee, 2.5 feet below the crown. Two overhead telephone lines across the levee at location.					
FS Date: 12/6/2013					

Photo 1 of 3 : UCIP_SP_2017_29827_55141.jpg



Overview of levee crown looking upstream at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	03/21/2017 05/03/2017	Maksim Khashchuk

LM Start	1.92	Rating **	M	Issue No.	33 (cont)	
LM End	1.92	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.596108 °	38.596108 °	
				-121.449887 °	-121.449887 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:29827						
DS_ID:24296						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to confirm the diameter size or which owner is responsible for crossing. Owner could be Quest Communication or MCI--Need to contact owner to confirm crossing and obtain encroachment permit for work.						
FIELD_STRUCT_DESC: 3-inch cable through the levee, 2.5 feet below the crown. Two overhead telephone lines across the levee at location.						
FS Date: 12/6/2013						

Photo 2 of 3 : UCIP_SP_2017_29827_55140.jpg



Conduit markers visible on landward side.

LM Start	1.92	Rating **	M	Issue No.	33 (cont)
LM End	1.92	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_29827_55139.jpg



Conduit markers visible on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	03/21/2017 05/03/2017	Maksim Khashchuk

LM Start	2.63	Rating **	M	Issue No.	20
LM End	2.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.594541 °	38.594541 °
				-121.462639 °	-121.462639 °
DWR ID	DWR_NA0001_03_s_2017_20				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Remove and backfill beaver den at waterside levee toe.					

Photo 1 of 1 : SP_2017_NA0001_490_20_20170406_00032.jpg



View of the beaver den at the waterside levee toe.

LM Start	3.19	Rating **	M	Issue No.	12
LM End	3.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.599395 °	38.599395 °
				-121.470434 °	-121.470434 °
DWR ID	DWR_NA0001_03_s_2017_12				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Add appropriate fill to bring slope back to grade.					

Photo 1 of 1 : SP_2017_NA0001_490_12_20170406_00031.jpg



View of the levee toe cut.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	03/21/2017 05/03/2017	Maksim Khashchuk

LM Start	3.29	Rating **	M	Issue No.	34
LM End	3.29	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.600718 °	38.600718 °
				-121.471491 °	-121.471491 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51311 DS_ID:24648 EP_NO: 911 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 8/11/2016 Markers found on WS. No markers found on LS. Crossing has been downgraded from Urgent to Non-Urgent, pipe has been marked on WS only. (DWR UCIP - omagana)2/6/2015 Permit information was entered and crossing description updated. (DWR UCIP - omagana)12/3/13 Need to contact owner to determine status of crossing. Markers missing. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 12.75-inch gas line through the levee at unknown depth. Markers found on the waterside (WS) approximately 192 feet and 410 feet from levee crown. No markers found on landside (LS). (line installed under Permit No. 911, 1943 - Pacific Gas and Electric Company [PG&E]) FS Date: 8/11/2016					

LM Start	3.29	Rating **	M	Issue No.	34 (cont)
LM End	3.29	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_51311_53391.jpg



View of LS slope and USA paint markings indicating alignment.

Photo 2 of 3 : UCIP_SP_2017_51311_53390.jpg



Underground service alert (USA) approximate alignment for 12-inch gas line through levee and WS--USA markings on bike path.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	03/21/2017 05/03/2017	Maksim Khashchuk

LM Start	3.29	Rating **	M	Issue No.	34 (cont)	
LM End	3.29	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.600718 °		38.600718 °
				-121.471491 °		-121.471491 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51311 DS_ID:24648 EP_NO: 911 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 8/11/2016 Markers found on WS. No markers found on LS. Crossing has been downgraded from Urgent to Non-Urgent, pipe has been marked on WS only. (DWR UCIP - omagana)2/6/2015 Permit information was entered and crossing description updated. (DWR UCIP - omagana)12/3/13 Need to contact owner to determine status of crossing. Markers missing. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 12.75-inch gas line through the levee at unknown depth. Markers found on the waterside (WS) approximately 192 feet and 410 feet from levee crown. No markers found on landside (LS). (line installed under Permit No. 911, 1943 - Pacific Gas and Electric Company [PG&E]) FS Date: 8/11/2016						

Photo 3 of 3 : UCIP_SP_2017_51311_53389.jpg



View of LS with underground service alert (USA) paint with approximate alignment of multiple crossing in general area.

LM Start	3.31	Rating **	M	Issue No.	24
LM End	3.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.600958 °	38.600958 °
				-121.471618 °	-121.471618 °
DWR ID	DWR_NA0001_03_s_2015_24				
Comment Code					
PO : Pole					
Inspector Comment					
SMUD replacing old pole at the landside toe of the levee. Pole line does not appear to be permitted.					

Photo 1 of 1 : SP_2017_NA0001_490_24_20170313_00003.jpg



View of a new pole installed at the landside levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 04 American River			Left	10.86
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/16/2017 - 4/13/2017			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Ross Kawamura ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start		Rating **	M	Issue No.	773	
LM End		Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.587514 °	38.587514 °	
				-121.465497 °	-121.465497 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50052						
DS_ID:25127						
EP_NO: 3362						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 14-inch corrugated metal water return pipe through the levee, 1.5 feet below the crown. Metal cutoff wall around pipe at center of levee. Concrete sump on landside (LS) end. Discharge trough and flap gate on the waterside (WS) slope. (Permit No. 3362A-1964)						
FS Date: 4/1/2016						

No Photos

LM Start	0.06	Rating **	M	Issue No.	746
LM End	0.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.597198 °	38.597198 °
				-121.506532 °	-121.506532 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29003 DS_ID:24344 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Metal boxes located on landward side could be associated with utility -- unable to confirm. Will need to contact owner. FIELD_STRUCT_DESC: Electrical conduit through the levee at unknown depth. FS Date: 12/19/2013					

Photo 1 of 3 : UCIP_SP_2017_29003_53405.jpg



Approximate alignment provided by the City of Sacramento for 2 inch line. Point labelled in green is field verified location where signs of crossing exist.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

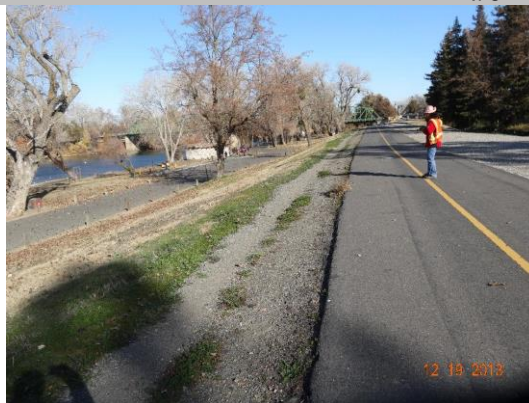
Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	0.06	Rating **	M	Issue No.	746 (cont)
LM End	0.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.597198 °	38.597198 °
				-121.506532 °	-121.506532 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29003 DS_ID:24344 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Metal boxes located on landward side could be associated with utility -- unable to confirm. Will need to contact owner. FIELD_STRUCT_DESC: Electrical conduit through the levee at unknown depth. FS Date: 12/19/2013					

Photo 2 of 3 : UCIP_SP_2017_29003_53404.jpg



Overview of levee crown and waterward side.

LM Start	0.06	Rating **	M	Issue No.	746 (cont)
LM End	0.06	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_29003_53402.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	0.20	Rating **	A/W	Issue No.	242
LM End	0.20	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.598832 °	38.598832 °
				-121.504984 °	-121.504984 °
DWR ID	DWR_NA0001_04_s_2015_242				
Comment Code					
FE : Fence					
Inspector Comment					
County has obtained a permit from CVFPB 19069 to install gates.					

Photo 1 of 1 : SP_2017_NA0001_55_242_20170313_00186.jpg



View of the gate installation in progress on the levee crown.

LM Start	0.21	Rating **	M	Issue No.	747
LM End	0.21	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.598982 °	38.598982 °
				-121.505045 °	-121.505045 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29006 DS_ID:24435 EP_NO: 17171 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Unable to find any indications that crossing is still active. Will need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 48-inch steel water line through the levee, approximately 32.0 feet below the crown. Siphon and blowoff valves in concrete riser on the landside (LS). (Permit No. 17171-2001) FS Date: 12/19/2013					

Photo 1 of 1 : UCIP_SP_2017_29006_53414.jpg



Approximate alignment provided by the City of Sacramento--crossing not found during field visit.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	0.21	Rating **	M	Issue No.	177
LM End	0.21	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.598980 °	38.598980 °
				-121.504773 °	-121.504773 °
DWR ID	DWR_NA0001_04_s_2012_177				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping on levee crown at overpass.					

Photo 1 of 1 : SP_2017_NA0001_55_177_20170313_00152.jpg



View of the landscaping on the levee crown.

LM Start	0.31	Rating **	M	Issue No.	1
LM End	0.45	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.599835 °	38.600769 °
				-121.503448 °	-121.501133 °
DWR ID	DWR_NA0001_04_s_2012_1				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vines and privacy fence within 10-ft of the landside toe or on the levee slope obstruct visibility and access.					

Photo 1 of 1 : SP_2017_NA0001_55_1_20170313_00001.jpg



View of the vines obstructing visibility.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	0.40	Rating **	M	Issue No.	748
LM End	0.40	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.600436 °	38.600436 °
				-121.502058 °	-121.502058 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31249					
DS_ID:24303					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Non-functional crossing--need additional information about how crossing was abandoned.					
FIELD_STRUCT_DESC: *ABANDONED* 42-inch corrugated metal (CM) pipe through the levee, 16.5 feet below the crown. Gravel filled with both ends welded shut. Flap gate on the waterside (WS) end. Slide gate in CM riser and splash board drain structure on the landside (LS). (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 10+00).					
FS Date: 12/19/2013					

Photo 1 of 3 : UCIP_SP_2017_31249_57212.jpg



Overview of crossing location.

LM Start	0.40	Rating **	M	Issue No.	748 (cont)
LM End	0.40	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_31249_57209.jpg



View of levee crown at this location.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	0.40	Rating **	M	Issue No.	748 (cont)	
LM End	0.40	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.600436 °		38.600436 °
				-121.502058 °		-121.502058 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31249 DS_ID:24303 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Non-functional crossing--need additional information about how crossing was abandoned. FIELD_STRUCT_DESC: *ABANDONED* 42-inch corrugated metal (CM) pipe through the levee, 16.5 feet below the crown. Gravel filled with both ends welded shut. Flap gate on the waterside (WS) end. Slide gate in CM riser and splash board drain structure on the landside (LS). (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 10+00). FS Date: 12/19/2013						

Photo 3 of 3 : UCIP_SP_2017_31249_57210.jpg



View of waterward side--standpipe located on waterward slope.
Standpipe filled with concrete.

LM Start	0.53	Rating **	M	Issue No.	267
LM End	0.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.601163 °	38.601163 °
				-121.499866 °	-121.499866 °
DWR ID	DWR_NA0001_04_s_2017_267				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_55_267_20170417_00280.jpg



View of the slope damaged by transients digging in the levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	0.60	Rating **	N	Issue No.	212
LM End	0.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.601380 °	38.601380 °
				-121.498533 °	-121.498533 °
DWR ID	DWR_NA0001_04_f_2013_212				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	1.61	Rating **	M	Issue No.	7
LM End	1.65	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.599095 °	38.598791 °
				-121.480337 °	-121.479799 °
DWR ID	DWR_NA0001_04_s_2016_7				
Comment Code					
Inspector Comment					
2012 - Located just downstream of older repair. Failing rock at the upstream end. Erosion of the bank has exposed large tree roots. 2015: No observed changes. [2015 Site ID: LAR_1-8_L]					

Photo 1 of 1 : SP_2017_NA0001_55_7_20170313_00008.jpg



USACE 2013 Photo #1

LM Start	1.80	Rating **	M	Issue No.	266
LM End	1.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.596876 °	38.596876 °
				-121.478390 °	-121.478390 °
DWR ID	DWR_NA0001_04_s_2017_266				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_55_266_20170417_00278.jpg



View of the levee toe cut by the transients.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	1.85	Rating **	A/W	Issue No.	250
LM End	1.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.596220 °	38.596220 °
				-121.477713 °	-121.477713 °
DWR ID	DWR_NA0001_04_s_2016_250				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
The erosion of the levee slope from the footpath appears to be stable at this time and should be monitored.					

LM Start	1.85	Rating **	A/W	Issue No.	250 (cont)
LM End	1.85	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP_2017_NA0001_55_250_20170313_00190.jpg



View of the footpath on the waterside levee slope, looking at the slope.

Photo 2 of 2 : SP_2017_NA0001_55_250_20170313_00191.jpg



View of the footpath on the waterside levee slope, looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	1.88	Rating **	U	Issue No.	749
LM End	1.88	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.595911 °	38.595911 °
				-121.477485 °	-121.477485 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49935 DS_ID:24307 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 8/11/2016 Crossing was classified incorrectly. Crossing is not a gas line. This crossing appears to be an abandoned sewer line. On WS, holes are present on the pipe wall and visible cracks are found on the concrete wall where pipe crosses. According to LMA, Tim Kerr and Richard Marck, this crossing could be a City line. Need to find owner and determine fate of crossing. Owner will need to coordinate with CVFPB to comply with Title 23. (DWR UCIP - omagana)12/19/2013 No markers or labels visible to indicate line is gas line--unable to confirm. (DWR UCIP - omagana) FIELD_STRUCT_DESC: *ABANDONED* 18-inch (not 20-inch as referenced in DWR levee logs) steel line of unknown type through the levee, 5 feet below the crown. The 20-inch pipe was initially referenced as a 20-inch gas line under DWR levee logs that dated back to 1956. During the 2016 inspection, the pipe was identified (field measured) as an 18-inches non-gas line. It appears that this crossing has been mislabelled or replaced no additional information was found. [Additional Reference(s): DWR Levee Log, 1956 and 2002] FS Date: 8/11/2016					

LM Start	1.88	Rating **	U	Issue No.	749 (cont)
LM End	1.88	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_SP_2017_49935_53496.jpg



View of line exposed at the bridge.

Photo 2 of 3 : UCIP_SP_2017_49935_53495.jpg



Two crossings visible at bridge.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	1.88	Rating **	U	Issue No.	749 (cont)	
LM End	1.88	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.595911 °		38.595911 °
				-121.477485 °		-121.477485 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:49935 DS_ID:24307 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 8/11/2016 Crossing was classified incorrectly. Crossing is not a gas line. This crossing appears to be an abandoned sewer line. On WS, holes are present on the pipe wall and visible cracks are found on the concrete wall where pipe crosses. According to LMA, Tim Kerr and Richard Marck, this crossing could be a City line. Need to find owner and determine fate of crossing. Owner will need to coordinate with CVFPB to comply with Title 23. (DWR UCIP - omagana)12/19/2013 No markers or labels visible to indicate line is gas line--unable to confirm. (DWR UCIP - omagana) FIELD_STRUCT_DESC: *ABANDONED* 18-inch (not 20-inch as referenced in DWR levee logs) steel line of unknown type through the levee, 5 feet below the crown. The 20-inch pipe was initially referenced as a 20-inch gas line under DWR levee logs that dated back to 1956. During the 2016 inspection, the pipe was identified (field measured) as an 18-inches non-gas line. It appears that this crossing has been mis-labelled or replaced no additional information was found. [Additional Reference(s): DWR Levee Log, 1956 and 2002] FS Date: 8/11/2016						

Photo 3 of 3 : UCIP_SP_2017_49935_75833.jpg



18-inch abandoned line and 8-inch gas line visible on WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	1.88	Rating **	M	Issue No.	750
LM End	1.88	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.595911 °	38.595911 °
				-121.477485 °	-121.477485 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:50050					
DS_ID:24528					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: 9/21/2016 According to CVFPB enforcement records.					
PG&E is working on submitting permit for gas line. (DWR UCIP - omagana)					
8/11/2016 gas line is clearly marked on WS. (DWR UCIP - omagana)					
FIELD_STRUCT_DESC: 10-inch steel gas main through the levee, 5 feet below the crown. PG&E label found on WS portion of exposed pipe. Contact for PG&E 1-800-743-6990 or 1-800642-2444. [Additional Reference(s): DWR Levee Log, 2002]					
FS Date: 8/11/2016					

Photo 1 of 3 : UCIP_SP_2017_50050_55422.jpg



Utility lines through levee and across channel.

LM Start	1.88	Rating **	M	Issue No.	750 (cont)
LM End	1.88	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_50050_55421.jpg



Larger line is not marked as gas line and smaller line has label indicating gas line.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	1.88	Rating **	M	Issue No.	750 (cont)
LM End	1.88	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.595911 °	38.595911 °
				-121.477485 °	-121.477485 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:50050 DS_ID:24528 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 9/21/2016 According to CVFPB enforcement records. PG&E is working on submitting permit for gas line. (DWR UCIP - omagana)8/11/2016 gas line is clearly marked on WS. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 10-inch steel gas main through the levee, 5 feet below the crown. PG&E label found on WS portion of exposed pipe. Contact for PG&E 1-800-743-6990 or 1-800642-2444. [Additional Reference(s): DWR Levee Log, 2002] FS Date: 8/11/2016					

Photo 3 of 3 : UCIP_SP_2017_50050_55420.jpg



Label found on smaller pipe at bridge.

LM Start	1.95	Rating **	A/W	Issue No.	244
LM End	1.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.595040 °	38.595040 °
				-121.476882 °	-121.476882 °
DWR ID	DWR_NA0001_04_f _ 2015_244				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
The erosion of the levee slope from the footpath appears to be stable at this time and should be monitored.					

Photo 1 of 1 : SP_2017_NA0001_55_244_20170313_00187.jpg



View of the footpath on the landside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	2.25	Rating **	M	Issue No.	751
LM End	2.25	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.591923 °	38.591923 °
				-121.473744 °	-121.473744 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29927					
DS_ID:24310					
EP_NO: 14150					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: unable to confirm if crossing is 4-inch steel conduit--will need to coordinate with owner.					
FIELD_STRUCT_DESC: 4-inch steel pipe conduit containing fiber optic cables through the levee, 3.5 feet below the crown. Markers on the levee shoulder. Rock revetment on the waterside (WS) slope. (Permit No. 14150-1986)					
FS Date: 12/19/2013					

LM Start	2.25	Rating **	M	Issue No.	751 (cont)
LM End	2.25	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_29927_55259.jpg



View of waterward slope--concrete box could be associated with conduit?

Photo 2 of 3 : UCIP_SP_2017_29927_55261.jpg



Marker for buried fiber optic cable on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	2.25	Rating **	M	Issue No.	751 (cont)	
LM End	2.25	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.591923 °		38.591923 °
				-121.473744 °		-121.473744 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:29927						
DS_ID:24310						
EP_NO: 14150						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: unable to confirm if crossing is 4-inch steel conduit--will need to coordinate with owner.						
FIELD_STRUCT_DESC: 4-inch steel pipe conduit containing fiber optic cables through the levee, 3.5 feet below the crown. Markers on the levee shoulder. Rock revetment on the waterside (WS) slope. (Permit No. 14150-1986)						
FS Date: 12/19/2013						

Photo 3 of 3 : UCIP_SP_2017_29927_55260.jpg



Contact information for US Sprint--not MCI as records indicate.

LM Start	2.28	Rating **	U	Issue No.	252
LM End	2.28	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.591602 °	38.591602 °
				-121.473223 °	-121.473223 °
DWR ID	DWR_NA0001_04_f_2016_252				
Comment Code					
FE : Fence					
Inspector Comment					
Unauthorized fence being installed across the levee and down the landside and waterside slopes and into the floodway. Remove the fence posts from the levee.					

Photo 1 of 4 : SP_2017_NA0001_55_252_20170417_00277.jpg



View of the cut-off post that needs to be removed. Spring 2017

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	2.28	Rating **	U	Issue No.	252 (cont)	
LM End	2.28	Issue Type +	En	Location *	CR	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.591602 °		38.591602 °
				-121.473223 °		-121.473223 °
DWR ID	DWR_NA0001_04_f_2016_252					
Comment Code						
FE : Fence						
Inspector Comment						
Unauthorized fence being installed across the levee and down the landside and waterside slopes and into the floodway. Remove the fence posts from the levee.						

LM Start	2.28	Rating **	U	Issue No.	252 (cont)
LM End	2.28	Issue Type +	En	Location *	CR

Photo 2 of 4 : SP_2017_NA0001_55_252_20170313_00194.jpg



Waterside view of the new fence construction across the levee crown.

Photo 3 of 4 : SP_2017_NA0001_55_252_20170313_00195.jpg



View of the fence post hole in the levee crown.

LM Start	2.28	Rating **	U	Issue No.	252 (cont)
LM End	2.28	Issue Type +	En	Location *	CR

Photo 4 of 4 : SP_2017_NA0001_55_252_20170313_00193.jpg



Landside view of the new fence construction across the levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	2.68	Rating **	U	Issue No.	2
LM End	2.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.588913 °	38.588913 °
				-121.467210 °	-121.467210 °
DWR ID	DWR_NA0001_04_s_2012_2				
Comment Code					
BU : Building					
Inspector Comment					
Bell Marine					

Photo 1 of 1 : SP_2017_NA0001_55_2_20170313_00002.jpg



03/16/2012 Structure on Bell Marine property.

LM Start	2.72	Rating **	M	Issue No.	752
LM End	2.72	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587906 °	38.587906 °
				-121.466689 °	-121.466689 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29944 DS_ID:24327 EP_NO: 3362 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe sections abandoned on levee crown--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 12-inch steel pipe through the levee. Pipe extends from a settling pond, on the left bank berm, to an existing borrow pit located in the overflow area adjacent to the right bank. The pipeline is buried through the top of the riverbanks and buried in the left bank with aggregate revetment placed on the bank. The remainder of the pipeline is exposed across the bottom of the channel and the right bank. The line is used to divert wash water return from the gravel plant to the opposite side of the river. (Permit 8146-1974) FS Date: 12/19/2013					

Photo 1 of 2 : UCIP_SP_2017_29944_55267.jpg



Remnants of old crossing located on levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	2.72	Rating **	M	Issue No.	752 (cont)	
LM End	2.72	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.587906 °	38.587906 °	
				-121.466689 °	-121.466689 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:29944 DS_ID:24327 EP_NO: 3362 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe sections abandoned on levee crown--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 12-inch steel pipe through the levee. Pipe extends from a settling pond, on the left bank berm, to an existing borrow pit located in the overflow area adjacent to the right bank. The pipeline is buried through the top of the riverbanks and buried in the left bank with aggregate revetment placed on the bank. The remainder of the pipeline is exposed across the bottom of the channel and the right bank. The line is used to divert wash water return from the gravel plant to the opposite side of the river. (Permit 8146-1974) FS Date: 12/19/2013						

Photo 2 of 2 : UCIP_SP_2017_29944_55266.jpg



View of structure located on levee crown.

LM Start	2.72	Rating **	U	Issue No.	3
LM End	2.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.587939 °	38.587299 °
				-121.466635 °	-121.464320 °
DWR ID	DWR_NA0001_04_s_2012_3				
Comment Code					
EQ : Equipment					
Inspector Comment					
Bell Marine, LMA sent a letter to property owner for the violation. Equipment completely blocks levee crown.					

Photo 1 of 2 : SP_2017_NA0001_55_3_20170417_00279.jpg



View of the equipment obstructing levee crown access. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	2.72	Rating **	U	Issue No.	3 (cont)	
LM End	2.86	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.587939 °		38.587299 °
				-121.466635 °		-121.464320 °
DWR ID	DWR_NA0001_04_s _ 2012_3					
Comment Code						
EQ : Equipment						
Inspector Comment						
Bell Marine, LMA sent a letter to property owner for the violation. Equipment completely blocks levee crown.						

Photo 2 of 2 : SP_2017_NA0001_55_3_20170313_00003.jpg



View of the debris obstructing visibility and access.

LM Start	2.74	Rating **	M	Issue No.	247
LM End	2.74	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.587778 °	38.587778 °
				-121.466313 °	-121.466313 °
DWR ID	DWR_NA0001_04_s _ 2012_247				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	2.77	Rating **	M	Issue No.	753
LM End	2.77	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587629 °	38.587629 °
				-121.465905 °	-121.465905 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31444					
DS_ID:24805					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: No permit (unauthorized crossing)--need additional information about crossing.					
FIELD_STRUCT_DESC: Standpipe located on waterward shoulder.					
Unable to confirm pipe alignment. No permit found.					
FS Date: 12/19/2013					

Photo 1 of 2 : UCIP_SP_2017_31444_57486.jpg



View of waterward slope.

LM Start	2.77	Rating **	M	Issue No.	753 (cont)
LM End	2.77	Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP_SP_2017_31444_57485.jpg



Standpipe located on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	2.82	Rating **	M	Issue No.	754
LM End	2.82	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587438 °	38.587438 °
				-121.464989 °	-121.464989 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31445					
DS_ID:24806					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit found (unauthorized?)--need additional information about crossing.					
FIELD_STRUCT_DESC: Standpipe located on waterside (WS) shoulder. Pipe crosses levee crown and landside (LS). Pipe used for irrigation. No Permit found.					
FS Date: 12/13/2013					

Photo 1 of 1 : UCIP_SP_2017_31445_57487.jpg



Spigot located inside riser located on waterward shoulder.

LM Start	2.82	Rating **	M	Issue No.	755
LM End	2.82	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587383 °	38.587383 °
				-121.464951 °	-121.464951 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31253 DS_ID:24328 EP_NO: 5890 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to contact owner to determine status of crossing--approximate alignment indicates pipe does not cross levee however records shows drain pipe crosses levee. FIELD_STRUCT_DESC: 8-inch corrugated metal (CM) drainpipe through the levee, 2.1 feet below the crown. Concrete drop inlet structure at waterside (WS) shoulder. Maintenance facilities and yard on the landside (LS). Rock revetment on WS slope. (Pemit No. 5890-1968) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 156+75). FS Date: 12/19/2013					

Photo 1 of 1 : UCIP_SP_2017_31253_57216.jpg



Approximate alignment indicated in blue and approximate location indicated by DWR-UCIP in green label.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	2.83	Rating **	M	Issue No.	4
LM End	2.83	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.587272 °	38.587272 °
				-121.464768 °	-121.464768 °
DWR ID	DWR_NA0001_04_s_2012_4				
Comment Code					
DE : Debris					
Inspector Comment					
Bell Marine, LMA sent a letter to the property owner for this violation.					

Photo 1 of 3 : SP_2017_NA0001_55_4_20170417_00276.jpg



View of the pipes and other debris stored in the floodway.

LM Start	2.83	Rating **	M	Issue No.	4 (cont)
LM End	2.83	Issue Type +	En	Location *	WS

Photo 2 of 3 : SP_2017_NA0001_55_4_20170313_00004.jpg



View of the debris stored in floodway.

LM Start	2.83	Rating **	M	Issue No.	4 (cont)
LM End	2.83	Issue Type +	En	Location *	WS

Photo 3 of 3 : SP_2017_NA0001_55_4_20170313_00005.jpg



View of the derelict boats in the floodway. Bell Marine has a service contract to dispose of abandoned boats for the City.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	2.86	Rating **	M	Issue No.	248
LM End	2.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.587293 °	38.587293 °
				-121.464338 °	-121.464338 °
DWR ID	DWR_NA0001_04_s_2012_248				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.92	Rating **	U	Issue No.	5
LM End	2.96	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.587251 °	38.587318 °
				-121.463237 °	-121.462513 °
DWR ID	DWR_NA0001_04_s_2012_5				
Comment Code					
BU : Building					
Inspector Comment					
City of Sacramento building. Building is now Sutter's Landing Skate Park.					

Photo 1 of 1 : SP_2017_NA0001_55_5_20170313_00006.jpg



03/16/2012 Sutter's Landing Skate Park.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	3.19	Rating **	M	Issue No.	756
LM End	3.19	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588601 °	38.588601 °
				-121.458503 °	-121.458503 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31254 DS_ID:24330 EP_NO: 15041 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Hole present on riser located on landward side--contact owner. Additional pipe found in waterward berm. Unable to confirm if this pipe section is part of crossing--size does not match. Unable to find CM standpipe on waterward side. FIELD_STRUCT_DESC: 16-inch corrugated metal (CM) drainpipe through the levee. Steel cutoff wall around pipe at center of levee. Storm drain gate on landside (LS) shoulder. Drainage ditch on LS. CM standpipe on WS. Rock-filled ditch on WS. (Permit No. 15041-1993) FS Date: 12/13/2013					

Photo 1 of 3 : UCIP_SP_2017_31254_57217.jpg



Overview of waterward side.

LM Start	3.19	Rating **	M	Issue No.	756 (cont)
LM End	3.19	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_31254_57219.jpg



Pipe buried by vegetation--unable to determine if pipe goes through levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	3.19	Rating **	M	Issue No.	756 (cont)	
LM End	3.19	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.588601 °	38.588601 °	
				-121.458503 °	-121.458503 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31254 DS_ID:24330 EP_NO: 15041 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Hole present on riser located on landward side--contact owner. Additional pipe found in waterward berm. Unable to confirm if this pipe section is part of crossing--size does not match. Unable to find CM standpipe on waterward side. FIELD_STRUCT_DESC: 16-inch corrugated metal (CM) drainpipe through the levee. Steel cutoff wall around pipe at center of levee. Storm drain gate on landside (LS) shoulder. Drainage ditch on LS. CM standpipe on WS. Rock-filled ditch on WS. (Permit No. 15041-1993) FS Date: 12/13/2013						

Photo 3 of 3 : UCIP_SP_2017_31254_57221.jpg



Pipe buried through vegetation.

LM Start	3.62	Rating **	M	Issue No.	757
LM End	3.62	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.589033 °	38.589033 °
				-121.451145 °	-121.451145 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42128 DS_ID:24807 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Per Title 23 markers are necessary for pressure line--markers present. Recommend LMA to contact owner to determine additional information details--CVFPB permit, depth of pipe through levee, alignment, and last inspection completed confirming integrity of crossing.No permit found. Will need to contact owner to determine the status of crossing. FIELD_STRUCT_DESC: Petroleum pipeline through the levee, unknown depth. Markers visible on waterside (WS). Unable to confirm alignment. Kinder Morgan (Owner) contact information is 916-363-1666. FS Date: 12/13/2013					

Photo 1 of 3 : UCIP_SP_2017_42128_56573.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	3.62	Rating **	M	Issue No.	757 (cont)	
LM End	3.62	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.589033 °	38.589033 °	
				-121.451145 °	-121.451145 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:42128						
DS_ID:24807						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: 11/3/2014 (DWR-Olivia) Need to contact owner to determine status of crossing. Priority under Part IX has been changed from Urgent to Non-Urgent as a measure to normalize the data. Per Title 23 markers are necessary for pressure line--markers present. Recommend LMA to contact owner to determine additional information details--CVFPB permit, depth of pipe through levee, alignment, and last inspection completed confirming integrity of crossing.No permit found. Will need to contact owner to determine the status of crossing.						
FIELD_STRUCT_DESC: Petroleum pipeline through the levee, unknown depth. Markers visible on waterside (WS). Unable to confirm alignment. Kinder Morgan (Owner) contact information is 916-363-1666.						
FS Date: 12/13/2013						

Photo 2 of 3 : UCIP_SP_2017_42128_56572.jpg



View of landward side.

LM Start	3.62	Rating **	M	Issue No.	757 (cont)
LM End	3.62	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_42128_56576.jpg



View of markers visible on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	3.71	Rating **	C	Issue No.	251
LM End	3.71	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.588076 °	38.588076 °
				-121.450175 °	-121.450175 °
DWR ID	DWR_NA0001_04_f_2016_251				
Comment Code					
MA : Material					
Inspector Comment					
UPRR removed crossing. Unable to cross the tracks during high water.					

No Photos

LM Start	3.75	Rating **	M	Issue No.	758
LM End	3.75	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587724 °	38.587724 °
				-121.449554 °	-121.449554 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31255 DS_ID:24335 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Control box is non-functional parts have been removed. Unable to confirm diameter size and status--City of Sacramento incidates a 24 inch sewer main not 18 inch. Need to contact owner to confirm size. FIELD_STRUCT_DESC: 18-inch sewer main through the levee. Concrete manhole on the waterside (WS) slope. FS Date: 12/13/2013					

Photo 1 of 3 : UCIP_SP_2017_31255_57226.jpg



Approximate alignment provided by City of Sacramento and DWR-UCIP confirmed location of sewer line is indicated by green label.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	3.75	Rating **	M	Issue No.	758 (cont)
LM End	3.75	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587724 °	38.587724 °
				-121.449554 °	-121.449554 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31255 DS_ID:24335 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Control box is non-functional parts have been removed. Unable to confirm diameter size and status--City of Sacramento incitates a 24 inch sewer main not 18 inch. Need to contact owner to confirm size. FIELD_STRUCT_DESC: 18-inch sewer main through the levee. Concrete manhole on the waterside (WS) slope. FS Date: 12/13/2013					

Photo 2 of 3 : UCIP_SP_2017_31255_57223.jpg



View of waterward side.

LM Start	3.75	Rating **	M	Issue No.	758 (cont)
LM End	3.75	Issue Type +	En	Location *	CR

Photo 3 of 3 : UCIP_SP_2017_31255_57222.jpg



Manhole located on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	3.88	Rating **	U	Issue No.	759 (cont)	
LM End	3.88	Issue Type +	En	Location *	CR	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.586496 °		38.586496 °
				-121.447631 °		-121.447631 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50051						
DS_ID:24311						
EP_NO: 2805						
Repair Type: Urgent						
Crossing Status: Indicator Found						
UCIP Comments: 8/11/2016 Inspected the crossing with Tim Kerr and Richard Marck, LMA representatives, and it appears that this crossing in not the correct location. The odor could be due to a sewer clean out located on LS toe. Need to do additional research and coordinate with Sacramento County to confirm crossing location. (DWR UCIP - omagana)12/19/2016 bad odor (sewage smell) coming from this area -- potential leak. Unable to confirm if riser on landward side is part of crossing. (DWR UCIP - omagana)						
FIELD_STRUCT_DESC: [Co Sanitation District No. 2 Pump Station] 18-inch concrete sewer main through the levee, 9.0 feet below the crown. Concrete cutoff wall around pipe located under waterside (WS) shoulder. 2-inch air release valve located on landside (LS) slope. Sewage pumping plant on LS. Rock revetment on WS slope. Crossing continues under the channel and through the opposite levee. (Permit No. 2805, 1961 - Sacramento County Sanitation District No. 2)						
[Additional Reference(s): DWR Levee Log, 2002]						
FS Date: 8/11/2016						

Photo 3 of 3 : UCIP_SP_2017_50051_55295.jpg



Sewer line along fence line on landward side--riser near back fence.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	3.89	Rating **	M	Issue No.	760
LM End	3.89	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.586479 °	38.586479 °
				-121.447574 °	-121.447574 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29054 DS_ID:24337 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unknown owner--Need to coordinate with DWR Inspector and CVFPB. FIELD_STRUCT_DESC: 3-inch PVC conduit through levee, 2.0 feet below the crown. FS Date: 12/13/2013					

LM Start	3.89	Rating **	M	Issue No.	760 (cont)
LM End	3.89	Issue Type +	En	Location *	CR

Photo 1 of 3 : UCIP_SP_2017_29054_53588.jpg



Electrical conduit marker located on landward toe.

Photo 2 of 3 : UCIP_SP_2017_29054_53587.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	3.89	Rating **	M	Issue No.	760 (cont)
LM End	3.89	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.586479 °	38.586479 °
				-121.447574 °	-121.447574 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29054 DS_ID:24337 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unknown owner--Need to coordinate with DWR Inspector and CVFPB. FIELD_STRUCT_DESC: 3-inch PVC conduit through levee, 2.0 feet below the crown. FS Date: 12/13/2013					

Photo 3 of 3 : UCIP_SP_2017_29054_53589.jpg



Control box located on landward toe.

LM Start	3.90	Rating **	U	Issue No.	8
LM End	3.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.586327 °	38.586327 °
				-121.447373 °	-121.447373 °
DWR ID	DWR_NA0001_04_s_2012_8				
Comment Code					
FE : Fence					
Inspector Comment					
Bamboo privacy fence within 10-ft of the landside toe obstructs visibility.					

Photo 1 of 2 : SP_2017_NA0001_55_8_20170313_00009.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	3.90	Rating **	U	Issue No.	8 (cont)	
LM End	3.90	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			38.586327 °	38.586327 °	
				-121.447373 °	-121.447373 °	
DWR ID	DWR_NA0001_04_s _ 2012_8					
Comment Code						
FE : Fence						
Inspector Comment						
Bamboo privacy fence within 10-ft of the landside toe obstructs visibility.						

Photo 2 of 2 : SP_2017_NA0001_55_8_20170313_00010.jpg



Fall 2009 photo: Fence and landscaping within 10-ft of levee toe obstructs access and visibility.

LM Start	3.92	Rating **	U	Issue No.	6
LM End	3.92	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.586154 °	38.586154 °
				-121.447115 °	-121.447115 °
DWR ID	DWR_NA0001_04_s _ 2012_6				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence within 10-ft of the landside toe obstructs visibility. 04/14/2011 Landscaping has been removed.					

Photo 1 of 1 : SP_2017_NA0001_55_6_20170313_00007.jpg



04/14/2011 Landscaping, which was a Fall inspection issue has been removed, however wooden fence is still obstructing access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	3.93	Rating **	U	Issue No.	9
LM End	3.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.586047 °	38.586047 °
				-121.446975 °	-121.446975 °
DWR ID	DWR_NA0001_04_s_2012_9				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence on the levee slope obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_9_20170313_00011.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	3.97	Rating **	U	Issue No.	11
LM End	3.97	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.585639 °	38.585639 °
				-121.446451 °	-121.446451 °
DWR ID	DWR_NA0001_04_s_2012_11				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_11_20170313_00012.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	3.98	Rating **	U	Issue No.	12
LM End	3.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.585496 °	38.585496 °
				-121.446309 °	-121.446309 °
DWR ID	DWR_NA0001_04_s_2012_12				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_12_20170313_00013.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	3.99	Rating **	U	Issue No.	112
LM End	3.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.585385°	38.585385°
				-121.446168°	-121.446168°
DWR ID	DWR_NA0001_04_s_2012_112				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping completely blocks visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_112_20170313_00096.jpg



03/16/2012 Landscape obstructs visibility and access.

LM Start	4.00	Rating **	U	Issue No.	13
LM End	4.00	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.585325 °	38.585325 °
				-121.446059 °	-121.446059 °
DWR ID	DWR_NA0001_04_s_2012_13				
Comment Code					
FE : Fence					
Inspector Comment					
Pink cement block fence obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_13_20170313_00014.jpg



03/16/2012 Concrete wall obstructs access and visibility.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.02	Rating **	U	Issue No.	14
LM End	4.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.585175 °	38.585175 °
				-121.445883 °	-121.445883 °
DWR ID	DWR_NA0001_04_s _ 2012_14				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and helix pencil shrubs planted within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_14_20170313_00015.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.03	Rating **	U	Issue No.	15
LM End	4.03	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.585021 °	38.585021 °
				-121.445678 °	-121.445678 °
DWR ID	DWR_NA0001_04_s _ 2012_15				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and evergreen shrub landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_15_20170313_00016.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.04	Rating **	U	Issue No.	16
LM End	4.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.584885 °	38.584885 °
				-121.445520 °	-121.445520 °
DWR ID	DWR_NA0001_04_s _ 2012_16				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_16_20170313_00017.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.05	Rating **	U	Issue No.	17
LM End	4.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.584810 °	38.584810 °
				-121.445403 °	-121.445403 °
DWR ID	DWR_NA0001_04_s _ 2012_17				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and maple tree landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_17_20170313_00018.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.06	Rating **	U	Issue No.	18
LM End	4.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.584694 °	38.584694 °
				-121.445255 °	-121.445255 °
DWR ID	DWR_NA0001_04_s_2012_18				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence between orange trees is within 10-ft of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_18_20170313_00019.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.09	Rating **	U	Issue No.	19
LM End	4.09	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.584459 °	38.584459 °
				-121.444951 °	-121.444951 °
DWR ID	DWR_NA0001_04_s_2012_19				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_19_20170313_00020.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.10	Rating **	M	Issue No.	186
LM End	4.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.584354 °	38.584354 °
				-121.444792 °	-121.444792 °
DWR ID	DWR_NA0001_04_s_2012_186				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping on cyclone fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_186_20170313_00157.jpg



Fall 2009 photo: Landscaping within 10-ft of levee toe obstructs access and visibility.

LM Start	4.11	Rating **	U	Issue No.	20	
LM End	4.11	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.584243 °		38.584243 °
				-121.444647 °		-121.444647 °
DWR ID	DWR_NA0001_04_s_2012_20					
Comment Code						
FE : Fence						
Inspector Comment						
Privacy fence and shed within 10-ft of the levee toe obstruct access and visibility.						

Photo 1 of 1 : SP_2017_NA0001_55_20_20170313_00021.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.12	Rating **	U	Issue No.	21
LM End	4.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.584129 °	38.584129 °
				-121.444485 °	-121.444485 °
DWR ID	DWR_NA0001_04_s_2012_21				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Palms and other landscaping on levee slope, as well as the wooden privacy fence within 10-ft of the levee toe obstruct access and visibility. 04/14/2011 Palms have been removed.					

Photo 1 of 1 : SP_2017_NA0001_55_21_20170313_00022.jpg



04/14/2011 Palms have been removed.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.13	Rating **	U	Issue No.	22
LM End	4.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.584034 °	38.584034 °
				-121.444322 °	-121.444322 °
DWR ID	DWR_NA0001_04_s_2012_22				
Comment Code					
FE : Fence					
Inspector Comment					
Cement block and wooden fence as well as the landscape planting are within 10-ft of the levee slope and obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_22_20170313_00023.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.14	Rating **	U	Issue No.	23
LM End	4.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.583935 °	38.583935 °
				-121.444150 °	-121.444150 °
DWR ID	DWR_NA0001_04_s_2012_23				
Comment Code					
FE : Fence					
Inspector Comment					
Cement block and wooden fence obstruct visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_23_20170313_00024.jpg



03/16/2012 Wooden fence on cement wall obstructs access and visibility.

LM Start	4.15	Rating **	M	Issue No.	187
LM End	4.15	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.583858 °	38.583858 °
				-121.443981 °	-121.443981 °
DWR ID	DWR_NA0001_04_s_2012_187				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Orange, guava and other trees and landscaping obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_187_20170313_00158.jpg



View of the obstructing vegetation at levee toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.16	Rating **	M	Issue No.	188
LM End	4.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.583749 °	38.583749 °
				-121.443820 °	-121.443820 °
DWR ID	DWR_NA0001_04_s_2012_188				
Comment Code					
FE : Fence					
Inspector Comment					
Cement block fence with iron top built into levee slope. Landscaping within 10-ft of the levee toe obstruct access and visibility.					

No Photos

LM Start	4.18	Rating **	M	Issue No.	189
LM End	4.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.583652 °	38.583652 °
				-121.443640 °	-121.443640 °
DWR ID	DWR_NA0001_04_s_2012_189				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Retaining wall is built into the levee slope. Steps, rail and landscaping on the levee slope.					

No Photos

LM Start	4.19	Rating **	U	Issue No.	190
LM End	4.19	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.583559 °	38.583559 °
				-121.443485 °	-121.443485 °
DWR ID	DWR_NA0001_04_s_2012_190				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Planter boxes built into levee slope. Wooden fence obstructs visibility. Pool is just outside 10-ft from levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_190_20170313_00159.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.21	Rating **	U	Issue No.	191
LM End	4.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.583355 °	38.583355 °
				-121.443123 °	-121.443123 °
DWR ID	DWR_NA0001_04_s_2012_191				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_191_20170313_00160.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.22	Rating **	U	Issue No.	24
LM End	4.22	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.583265 °	38.583265 °
				-121.442965 °	-121.442965 °
DWR ID	DWR_NA0001_04_s_2012_24				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence obstructs visibility. Retaining wall built into levee toe. 04/14/2011 retaining wall removed.					

Photo 1 of 1 : SP_2017_NA0001_55_24_20170313_00025.jpg



04/14/2011 Retaining wall has been removed. Wooden fence remains and is obstructing access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.25	Rating **	U	Issue No.	192
LM End	4.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.583031 °	38.583031 °
				-121.442620 °	-121.442620 °
DWR ID	DWR_NA0001_04_s_2012_192				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Ivy and vine growth on cyclone fence obstruct visibility. Steps and landscaping built up levee slope.					

Photo 1 of 1 : SP_2017_NA0001_55_192_20170313_00161.jpg



03/16/2012 Landscaping on fence obstructs visibility and access.

LM Start	4.27	Rating **	M	Issue No.	193
LM End	4.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.582824 °	38.582824 °
				-121.442298 °	-121.442298 °
DWR ID	DWR_NA0001_04_s_2012_193				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping on chain link fence partially obstructs visibility.					

No Photos

LM Start	4.28	Rating **	M	Issue No.	194
LM End	4.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.582716 °	38.582716 °
				-121.442128 °	-121.442128 °
DWR ID	DWR_NA0001_04_s_2012_194				
Comment Code					
FE : Fence					
Inspector Comment					
Planting boxes built into levee slope. 04/14/2011 Planter boxes removed. Chainlink fence partially obstructs access.					

Photo 1 of 1 : SP_2017_NA0001_55_194_20170313_00162.jpg



04/14/2011 Planter boxes have been removed. Chainlink fence partially blocks access.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.31	Rating **	U	Issue No.	26
LM End	4.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.582479 °	38.582479 °
				-121.441768 °	-121.441768 °
DWR ID	DWR_NA0001_04_s _ 2012_26				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence within 10-ft of the levee toe. Garden and ramp built on levee slope.					

Photo 1 of 1 : SP_2017_NA0001_55_26_20170313_00026.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.32	Rating **	M	Issue No.	195
LM End	4.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.582333 °	38.582333 °
				-121.441506 °	-121.441506 °
DWR ID	DWR_NA0001_04_s _ 2012_195				
Comment Code					
FE : Fence					
Inspector Comment					
Landscaping planted on levee slope. 04/14/2011 Landscaping removed, chainlink fence remains.					

Photo 1 of 1 : SP_2017_NA0001_55_195_20170313_00163.jpg



04/14/2011 Landscape removed, chainlink fence remains.

LM Start	4.34	Rating **	U	Issue No.	27
LM End	4.34	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.582223 °	38.582223 °
				-121.441264 °	-121.441264 °
DWR ID	DWR_NA0001_04_s _ 2012_27				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence obstructs visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_27_20170313_00027.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.35	Rating **	U	Issue No.	28
LM End	4.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.582186 °	38.582186 °
				-121.441160 °	-121.441160 °
DWR ID	DWR_NA0001_04_s_2012_28				
Comment Code					
FE : Fence					
Inspector Comment					
Cement block fence obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_28_20170313_00028.jpg



03/16/2012 Cinder block wall obstructs visibility and access.

LM Start	4.36	Rating **	M	Issue No.	29	
LM End	4.36	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			38.582083 °	38.582083 °	
				-121.440875 °	-121.440875 °	
DWR ID	DWR_NA0001_04_s_2012_29					
Comment Code						
FE : Fence						
Inspector Comment						
Large flowering bush on levee slope - removed by ARFCD 2012. Retaining wall removed by ARFCD 2012. Wooden fence located at the levee toe obstructs access and visibility. 04/14/2011						

Photo 1 of 1 : SP_2017_NA0001_55_29_20170313_00029.jpg



03/16/2012 Flowering bush is dormant, landscaping on levee slope and wooden privacy fence.

LM Start	4.39	Rating **	M	Issue No.	196
LM End	4.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581937 °	38.581937 °
				-121.440479 °	-121.440479 °
DWR ID	DWR_NA0001_04_s_2012_196				
Comment Code					
FE : Fence					
Inspector Comment					
Picket fence on retaining wall within 10-ft of levee slope obstructs visibility.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.41	Rating **	U	Issue No.	198
LM End	4.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581788 °	38.581788 °
				-121.440086 °	-121.440086 °
DWR ID	DWR_NA0001_04_s_2012_198				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_198_20170313_00165.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.42	Rating **	U	Issue No.	30
LM End	4.42	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581724 °	38.581724 °
				-121.439891 °	-121.439891 °
DWR ID	DWR_NA0001_04_s_2012_30				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_30_20170313_00030.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.45	Rating **	M	Issue No.	241
LM End	4.45	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581594 °	38.581594 °
				-121.439459 °	-121.439459 °
DWR ID	DWR_NA0001_04_s_2016_241				
Comment Code					
FE : Fence					
Inspector Comment					

No Photos

LM Start	4.47	Rating **	U	Issue No.	31
LM End	4.47	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581495 °	38.581495 °
				-121.439129 °	-121.439129 °
DWR ID	DWR_NA0001_04_s_2012_31				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence within 10-ft of the levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_31_20170313_00031.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.50	Rating **	M	Issue No.	33
LM End	4.50	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.581359 °	38.581359 °
				-121.438524 °	-121.438524 °
DWR ID	DWR_NA0001_04_s_2012_33				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Large photinia obstructs visibility.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.51	Rating **	M	Issue No.	253
LM End	4.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.581320 °	38.581320 °
				-121.438263 °	-121.438263 °
DWR ID	DWR_NA0001_04_s _ 2012_253				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	4.52	Rating **	M	Issue No.	34
LM End	4.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.581282 °	38.581282 °
				-121.438169 °	-121.438169 °
DWR ID	DWR_NA0001_04_s _ 2012_34				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping on levee slope obstructs visibility.					

No Photos

LM Start	4.53	Rating **	U	Issue No.	35
LM End	4.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581246 °	38.581246 °
				-121.438033 °	-121.438033 °
DWR ID	DWR_NA0001_04_s _ 2012_35				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence within 10-ft of the levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_35_20170313_00032.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.54	Rating **	U	Issue No.	199
LM End	4.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581205 °	38.581205 °
				-121.437830 °	-121.437830 °
DWR ID	DWR_NA0001_04_s_2012_199				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence is within 10-ft of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_199_20170313_00166.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.55	Rating **	U	Issue No.	200
LM End	4.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581178 °	38.581178 °
				-121.437584 °	-121.437584 °
DWR ID	DWR_NA0001_04_s_2012_200				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence, persimmon tree and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_200_20170313_00167.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.57	Rating **	U	Issue No.	201
LM End	4.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581155 °	38.581155 °
				-121.437320 °	-121.437320 °
DWR ID	DWR_NA0001_04_s _ 2012_201				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_201_20170313_00168.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.58	Rating **	M	Issue No.	36
LM End	4.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581153 °	38.581153 °
				-121.437079 °	-121.437079 °
DWR ID	DWR_NA0001_04_s _ 2012_36				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence near pump station limits access and visibility.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.61	Rating **	M	Issue No.	761
LM End	4.61	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581101 °	38.581101 °
				-121.436502 °	-121.436502 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31446					
DS_ID:24808					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: New construction--need permit and details on crossing.					
FIELD_STRUCT_DESC: 1 of 4: Concrete service box located on waterside (WS) shoulder. Landside (LS) has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.					
FS Date: 12/13/2013					

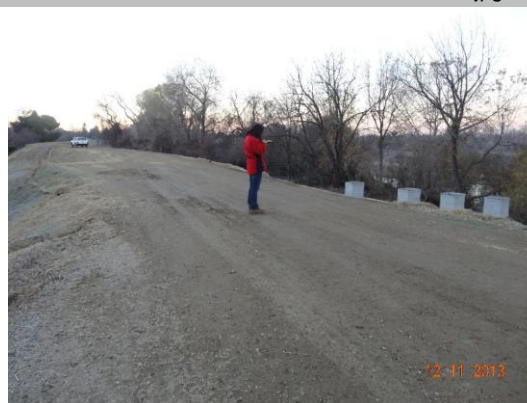
Photo 1 of 3 : UCIP_SP_2017_31446_57490.jpg



View of landward side.

LM Start	4.61	Rating **	M	Issue No.	761 (cont)
LM End	4.61	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_31446_57489.jpg



View of regraded levee crown with service boxes on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.61	Rating **	M	Issue No.	761 (cont)	
LM End	4.61	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.581101 °	38.581101 °	
				-121.436502 °	-121.436502 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31446						
DS_ID:24808						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: New construction--need permit and details on crossing.						
FIELD_STRUCT_DESC: 1 of 4: Concrete service box located on waterside (WS) shoulder. Landside (LS) has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.						
FS Date: 12/13/2013						

Photo 3 of 3 : UCIP_SP_2017_31446_57488.jpg



Service boxes located on waterward shoulder.

LM Start	4.61	Rating **	M	Issue No.	762
LM End	4.61	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581092 °	38.581092 °
				-121.436466 °	-121.436466 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31447					
DS_ID:24809					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: New construction; no permit found; Need additional information about crossings to determine whether crossings penetrate levee.					
FIELD_STRUCT_DESC: 2 of 4: Concrete service box located on waterside (WS) shoulder. Landside (LS) has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.					
FS Date: 12/13/2013					

Photo 1 of 3 : UCIP_SP_2017_31447_57493.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

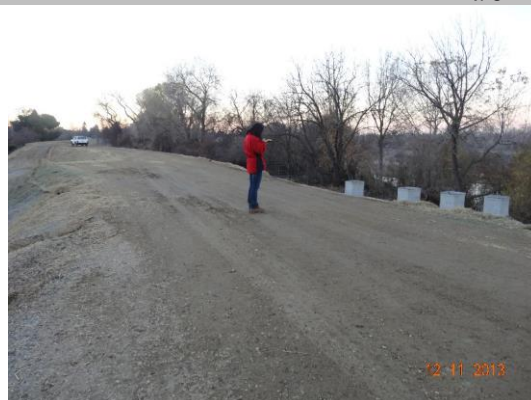
American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.61	Rating **	M	Issue No.	762 (cont)
LM End	4.61	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581092 °	38.581092 °
				-121.436466 °	-121.436466 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31447					
DS_ID:24809					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: New construction; no permit found; Need additional information about crossings to determine whether crossings penetrate levee.					
FIELD_STRUCT_DESC: 2 of 4: Concrete service box located on waterside (WS) shoulder. Landside (LS) has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.					
FS Date: 12/13/2013					

LM Start	4.61	Rating **	M	Issue No.	762 (cont)
LM End	4.61	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_31447_57492.jpg



View of levee crown at crossings.

Photo 3 of 3 : UCIP_SP_2017_31447_57491.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.61	Rating **	M	Issue No.	763
LM End	4.61	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581087 °	38.581087 °
				-121.436449 °	-121.436449 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31448					
DS_ID:24810					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: New construction; no permit found; Need additional information about crossings to determine whether crossings penetrate levee.					
FIELD_STRUCT_DESC: 3 of 4: Concrete service box located on waterside (WS) shoulder. Landside (LS) has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.					
FS Date: 12/13/2013					

LM Start	4.61	Rating **	M	Issue No.	763 (cont)
LM End	4.61	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_31448_57496.jpg



View of landward side.

Photo 2 of 3 : UCIP_SP_2017_31448_57495.jpg



View of levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.61	Rating **	M	Issue No.	763 (cont)	
LM End	4.61	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.581087 °		38.581087 °
				-121.436449 °		-121.436449 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31448 DS_ID:24810 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: New construction; no permit found; Need additional information about crossings to determine whether crossings penetrate levee. FIELD_STRUCT_DESC: 3 of 4: Concrete service box located on waterside (WS) shoulder. Landside (LS) has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee. FS Date: 12/13/2013						

Photo 3 of 3 : UCIP_SP_2017_31448_57494.jpg



View of waterward side.

LM Start	4.61	Rating **	M	Issue No.	764
LM End	4.61	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581082 °	38.581082 °
				-121.436431 °	-121.436431 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31449					
DS_ID:24811					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: New construction; no permit found; Need additional information about crossings to determine whether crossing penetrate levee.					
FIELD_STRUCT_DESC: 4 of 4: Concrete service box located on waterside (WS) shoulder. Landside (LS) has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.					
FS Date: 12/13/2013					

Photo 1 of 3 : UCIP_SP_2017_31449_57499.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

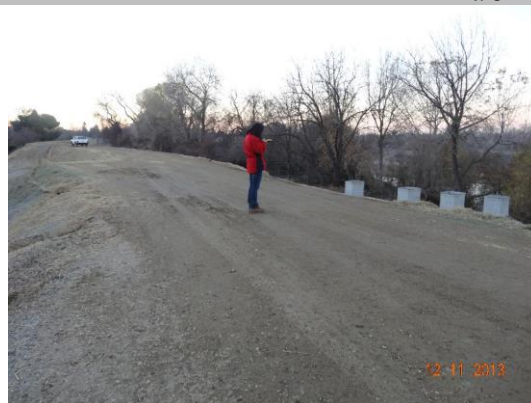
American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.61	Rating **	M	Issue No.	764 (cont)	
LM End	4.61	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.581082 °	38.581082 °	
				-121.436431 °	-121.436431 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31449						
DS_ID:24811						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: New construction; no permit found; Need additional information about crossings to determine whether crossing penetrate levee.						
FIELD_STRUCT_DESC: 4 of 4: Concrete service box located on waterside (WS) shoulder. Landside (LS) has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.						
FS Date: 12/13/2013						

LM Start	4.61	Rating **	M	Issue No.	764 (cont)
LM End	4.61	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_31449_57498.jpg



View of levee crown.

Photo 3 of 3 : UCIP_SP_2017_31449_57497.jpg



View of landward side--service boxes located on landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.66	Rating **	M	Issue No.	37
LM End	4.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.580944 °	38.580944 °
				-121.435651 °	-121.435651 °
DWR ID	DWR_NA0001_04_s _ 2012_37				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees and vines on the levee toe obstruct visibility.					

No Photos

LM Start	4.68	Rating **	M	Issue No.	38
LM End	4.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.580910 °	38.580910 °
				-121.435324 °	-121.435324 °
DWR ID	DWR_NA0001_04_s _ 2012_38				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscape planting within 10-ft of the landside toe against 3-ft wooden slat fence.					

No Photos

LM Start	4.70	Rating **	M	Issue No.	39
LM End	4.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.580840 °	38.580840 °
				-121.434901 °	-121.434901 °
DWR ID	DWR_NA0001_04_s _ 2012_39				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.72	Rating **	C	Issue No.	739
LM End	4.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580778 °	38.580778 °
				-121.434467 °	-121.434467 °
DWR ID	DWR_NA0001_04_f_2016_739				
Comment Code					
DE : Debris					
Inspector Comment					
PVC pipe and debris, also noted in USACE PI.					

No Photos

LM Start	4.73	Rating **	U	Issue No.	40
LM End	4.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580759 °	38.580759 °
				-121.434294 °	-121.434294 °
DWR ID	DWR_NA0001_04_s_2012_40				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_40_20170313_00033.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.74	Rating **	M	Issue No.	41
LM End	4.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580753 °	38.580753 °
				-121.434077 °	-121.434077 °
DWR ID	DWR_NA0001_04_s_2012_41				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_41_20170406_00275.jpg



View of the fence at the levee toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.76	Rating **	U	Issue No.	42
LM End	4.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580744 °	38.580744 °
				-121.433868 °	-121.433868 °
DWR ID	DWR_NA0001_04_s _ 2012_42				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_42_20170313_00034.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.78	Rating **	U	Issue No.	43
LM End	4.78	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580731 °	38.580731 °
				-121.433490 °	-121.433490 °
DWR ID	DWR_NA0001_04_s _ 2012_43				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and storage sheds within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_43_20170313_00035.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.83	Rating **	U	Issue No.	205
LM End	4.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580723 °	38.580723 °
				-121.432577 °	-121.432577 °
DWR ID	DWR_NA0001_04_s _ 2012_205				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and landscape prunings on levee slope and toe.prunings removed. Fence obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_205_20170313_00169.jpg



03/16/2012 Chainlink fence with privacy slats obstructs visibility and access.

LM Start	4.85	Rating **	M	Issue No.	44
LM End	4.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.580747 °	38.580747 °
				-121.432039 °	-121.432039 °
DWR ID	DWR_NA0001_04_s _ 2012_44				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Lemon tree and vines obstruct visibility.					

No Photos

LM Start	4.87	Rating **	U	Issue No.	206
LM End	4.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.580778 °	38.580778 °
				-121.431704 °	-121.431704 °
DWR ID	DWR_NA0001_04_s _ 2012_206				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Fig tree obstructs visibility and access.					

Photo 1 of 1 : SP_2017_NA0001_55_206_20170313_00170.jpg



03/16/2012 Landscaping obstructs visibility and access.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.87	Rating **	U	Issue No.	96
LM End	4.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580767 °	38.580767 °
				-121.431684 °	-121.431684 °
DWR ID	DWR_NA0001_04_s _ 2012_96				
Comment Code					
BU : Building					
Inspector Comment					
Wooden shed is located beneath the fig tree.					

Photo 1 of 1 : SP_2017_NA0001_55_96_20170313_00080.jpg



3/16/2012 Structure is within 15' of levee toe.

LM Start	4.89	Rating **	M	Issue No.	265
LM End	4.89	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580794 °	38.580794 °
				-121.431453 °	-121.431453 °
DWR ID	DWR_NA0001_04_s _ 2017_265				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_265_20170406_00274.jpg



View of the fence at the levee toe.

LM Start	4.90	Rating **	M	Issue No.	207
LM End	4.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580806 °	38.580806 °
				-121.431266 °	-121.431266 °
DWR ID	DWR_NA0001_04_s _ 2012_207				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_207_20170406_00273.jpg



View of the fence at the levee toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	4.91	Rating **	M	Issue No.	264
LM End	4.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580820 °	38.580820 °
				-121.431045 °	-121.431045 °
DWR ID	DWR_NA0001_04_s_2017_264				
Comment Code					
FE : Fence					
Inspector Comment					
Chain-link fence at levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_264_20170406_00272.jpg



View of the fence at the levee toe.

LM Start	4.93	Rating **	U	Issue No.	45
LM End	4.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580844 °	38.580844 °
				-121.430672 °	-121.430672 °
DWR ID	DWR_NA0001_04_s_2012_45				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence with bracing obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_45_20170313_00036.jpg



Wooden fence and braces obstruct access and visibility.

LM Start	5.08	Rating **	U	Issue No.	46
LM End	5.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581000 °	38.581000 °
				-121.427826 °	-121.427826 °
DWR ID	DWR_NA0001_04_s_2012_46				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_46_20170313_00037.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	5.13	Rating **	U	Issue No.	208
LM End	5.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580882 °	38.580882 °
				-121.427038 °	-121.427038 °
DWR ID	DWR_NA0001_04_s_2012_208				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_208_20170313_00171.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	5.15	Rating **	M	Issue No.	47
LM End	5.15	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580773 °	38.580773 °
				-121.426691 °	-121.426691 °
DWR ID	DWR_NA0001_04_s_2012_47				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence, helix sky pencil, and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_47_20170313_00038.jpg



View of the fence and vegetation at the landside levee toe.

LM Start	5.17	Rating **	U	Issue No.	48
LM End	5.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580622 °	38.580622 °
				-121.426372 °	-121.426372 °
DWR ID	DWR_NA0001_04_s_2012_48				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_48_20170313_00039.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	5.45	Rating **	U	Issue No.	49
LM End	5.45	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.577526 °	38.577526 °
				-121.423349 °	-121.423349 °
DWR ID	DWR_NA0001_04_s _ 2012_49				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_49_20170313_00040.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	5.48	Rating **	M	Issue No.	263
LM End	5.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.577065 °	38.577065 °
				-121.423255 °	-121.423255 °
DWR ID	DWR_NA0001_04_s _ 2017_263				
Comment Code					
FE : Fence					
Inspector Comment					
Chain-link fence at levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_263_20170406_00271.jpg



View of the fence at the levee toe.

LM Start	5.49	Rating **	M	Issue No.	209	
LM End	5.49	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.576878 °		38.576878 °
				-121.423234 °		-121.423234 °
DWR ID	DWR_NA0001_04_s _ 2012_209					
Comment Code						
V6 : Landscaping						
Inspector Comment						
Oleanders within 10-ft of the levee toe obstruct access and visibility.						

Photo 1 of 1 : SP_2017_NA0001_55_209_20170406_00270.jpg



View of the shrubs at the levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	5.50	Rating **	U	Issue No.	262
LM End	5.50	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.576796 °	38.576796 °
				-121.423221 °	-121.423221 °
DWR ID	DWR_NA0001_04_s_2017_262				
Comment Code					
FE : Fence					
Inspector Comment					
Fence ubstructing visibility and access at landside levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_262_20170406_00269.jpg



View of the fence at the levee toe.

LM Start	5.51	Rating **	M	Issue No.	261
LM End	5.51	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.576579 °	38.576579 °
				-121.423201 °	-121.423201 °
DWR ID	DWR_NA0001_04_s_2017_261				
Comment Code					
FE : Fence					
Inspector Comment					
Chain-link fence at levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_261_20170406_00268.jpg



View of the fence at the levee toe.

LM Start	5.56	Rating **	U	Issue No.	197
LM End	5.56	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.575929 °	38.575929 °
				-121.423130 °	-121.423130 °
DWR ID	DWR_NA0001_04_s_2013_197				
Comment Code					
ST : Stairway					
Inspector Comment					
Unpermitted stairs to be removed by ARFCD.					

Photo 1 of 1 : SP_2017_NA0001_55_197_20170313_00164.jpg



View of the stairs on the landside levee slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	5.60	Rating **	U	Issue No.	52
LM End	5.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.575379 °	38.575379 °
				-121.423201 °	-121.423201 °
DWR ID	DWR_NA0001_04_s _ 2012_52				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Helix sky pencil trees within 10-ft of the levee toe obstruct visibility and access.					

Photo 1 of 1 : SP_2017_NA0001_55_52_20170313_00042.jpg



03/16/2012 Landscaping obstructs visibility and access.

LM Start	5.61	Rating **	U	Issue No.	53
LM End	5.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.575250 °	38.575250 °
				-121.423240 °	-121.423240 °
DWR ID	DWR_NA0001_04_s _ 2012_53				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Wood privacy fence, helix sky pencil, vines and landscaping within 10-ft of the levee toe obstruct access and visibility. Cement stairs up levee slope.					

Photo 1 of 1 : SP_2017_NA0001_55_53_20170313_00043.jpg



03/16/2012 Landscaping and fence obstruct visibility and access.

LM Start	5.62	Rating **	U	Issue No.	54
LM End	5.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.575024 °	38.575024 °
				-121.423277 °	-121.423277 °
DWR ID	DWR_NA0001_04_s _ 2012_54				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_54_20170313_00044.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	5.64	Rating **	U	Issue No.	55
LM End	5.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.574786 °	38.574786 °
				-121.423324 °	-121.423324 °
DWR ID	DWR_NA0001_04_s _ 2012_55				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of the levee toe obstructs visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_55_20170313_00045.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	5.65	Rating **	U	Issue No.	56
LM End	5.65	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.574648 °	38.574648 °
				-121.423348 °	-121.423348 °
DWR ID	DWR_NA0001_04_s _ 2012_56				
Comment Code					
BU : Building					
Inspector Comment					
Cement block building on levee slope obstructs access.					

Photo 1 of 1 : SP_2017_NA0001_55_56_20170406_00267.jpg



View of the building at the levee toe.

LM Start	5.70	Rating **	U	Issue No.	57
LM End	5.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.573927 °	38.573927 °
				-121.423480 °	-121.423480 °
DWR ID	DWR_NA0001_04_s _ 2012_57				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence with ivy obstructs visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_57_20170313_00047.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	5.73	Rating **	M	Issue No.	58
LM End	5.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.573501 °	38.573501 °
				-121.423602 °	-121.423602 °
DWR ID	DWR_NA0001_04_s_2012_58				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Garden built on levee slope.					

Photo 1 of 1 : SP_2017_NA0001_55_58_20170406_00266.jpg



View of the garden at the levee toe.

LM Start	5.73	Rating **	U	Issue No.	59
LM End	5.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.573403 °	38.573403 °
				-121.423642 °	-121.423642 °
DWR ID	DWR_NA0001_04_s_2012_59				
Comment Code					
FE : Fence					
Inspector Comment					
Brick fence and landscaping within 10-ft of the levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_59_20170313_00048.jpg



03/16/2012 Fence and landscaping obstruct visibility and access.

LM Start	5.78	Rating **	U	Issue No.	61
LM End	5.78	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.572827 °	38.572827 °
				-121.423786 °	-121.423786 °
DWR ID	DWR_NA0001_04_s_2012_61				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Dense ivy and shrubs are within 10-ft of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_61_20170313_00049.jpg



03/16/2012 Landscaping obstructs access and visibility.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	5.80	Rating **	M	Issue No.	62
LM End	5.80	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.572542 °	38.572542 °
				-121.423850 °	-121.423850 °
DWR ID	DWR_NA0001_04_s _ 2012_62				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Citrus tree and slope landscaping obstructs visibility.					

No Photos

LM Start	5.81	Rating **	U	Issue No.	63
LM End	5.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.572325 °	38.572325 °
				-121.423913 °	-121.423913 °
DWR ID	DWR_NA0001_04_s _ 2012_63				
Comment Code					
BU : Building					
Inspector Comment					
Wood and fiberglass structure within 10-ft of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_63_20170313_00050.jpg



03/16/2012 Wood and fiberglass structure is within 15' of levee toe.

LM Start	5.82	Rating **	M	Issue No.	64
LM End	5.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.572207 °	38.572207 °
				-121.423933 °	-121.423933 °
DWR ID	DWR_NA0001_04_s _ 2012_64				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Dense shrubs on levee toe obstruct visibility and access.					

Photo 1 of 1 : SP_2017_NA0001_55_64_20170406_00265.jpg



View of the shrubs at the levee toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	5.83	Rating **	U	Issue No.	65
LM End	5.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.572067 °	38.572067 °
				-121.423970 °	-121.423970 °
DWR ID	DWR_NA0001_04_s_2012_65				
Comment Code					
FE : Fence					
Inspector Comment					
Extended privacy fence and retaining wall within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_65_20170313_00051.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	5.85	Rating **	U	Issue No.	210
LM End	5.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.571733 °	38.571733 °
				-121.424055 °	-121.424055 °
DWR ID	DWR_NA0001_04_s_2012_210				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and retaining wall are within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_210_20170313_00172.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	5.86	Rating **	U	Issue No.	66
LM End	5.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.571586 °	38.571586 °
				-121.424097 °	-121.424097 °
DWR ID	DWR_NA0001_04_s_2012_66				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_55_66_20170313_00052.jpg



03/16/2012 Structure is within 15' of levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	5.87	Rating **	U	Issue No.	68
LM End	5.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.571525 °	38.571525 °
				-121.424152 °	-121.424152 °
DWR ID	DWR_NA0001_04_f_2013_68				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Levee slope has been landscaped. This obstructs visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_68_20170313_00053.jpg



Levee slope is heavily landscaped, retaining wall has been constructed at the levee toe.

LM Start	5.88	Rating **	U	Issue No.	70
LM End	5.88	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.571269 °	38.571269 °
				-121.424167 °	-121.424167 °
DWR ID	DWR_NA0001_04_s_2012_70				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Levee slope has been landscaped. This obstructs visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_70_20170313_00054.jpg



View of the vegetation on the landside levee slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	5.91	Rating **	U	Issue No.	88
LM End	5.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570864 °	38.570864 °
				-121.424212 °	-121.424212 °
DWR ID	DWR_NA0001_04_f_2012_88				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence.					

Photo 1 of 1 : SP_2017_NA0001_55_88_20170406_00264.jpg



View of the wood privacy fence completely obstructing access and visibility.

LM Start	5.95	Rating **	U	Issue No.	72
LM End	5.95	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570389 °	38.570389 °
				-121.424231 °	-121.424231 °
DWR ID	DWR_NA0001_04_s_2012_72				
Comment Code					
FE : Fence					
Inspector Comment					
Wood fence and landscaping within 10-ft of the levee toe obstructs visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_72_20170406_00263.jpg



View of the wood privacy fence completely obstructing access and visibility.

LM Start	5.95	Rating **	M	Issue No.	71
LM End	5.95	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.570375 °	38.570375 °
				-121.424231 °	-121.424231 °
DWR ID	DWR_NA0001_04_s_2012_71				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping and garden within 10-ft of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_71_20170313_00055.jpg



View of the landscaping at the landside levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	5.98	Rating **	M	Issue No.	211
LM End	5.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569893 °	38.569893 °
				-121.424310 °	-121.424310 °
DWR ID	DWR_NA0001_04_s_2012_211				
Comment Code					
FE : Fence					
Inspector Comment					
Apartment complex privacy fence and shrubs within 10-ft of the slope obstruct visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_211_20170313_00173.jpg



View of the fence at the landside levee toe.

LM Start	6.24	Rating **	U	Issue No.	260
LM End	6.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.566220 °	38.566220 °
				-121.423558 °	-121.423558 °
DWR ID	DWR_NA0001_04_s_2017_260				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_55_260_20170406_00262.jpg



View of the rodent burrows at the levee toe.

LM Start	6.24	Rating **	M	Issue No.	164
LM End	6.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.566198 °	38.566198 °
				-121.423528 °	-121.423528 °
DWR ID	DWR_NA0001_04_f_2012_164				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bush at levee toe.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	6.45	Rating **	N	Issue No.	238
LM End	6.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.563231 °	38.563231 °
				-121.422404 °	-121.422404 °
DWR ID	DWR_NA0001_04_f_2015_238				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_55_238_20170313_00184.jpg



View of the tree stump at the landside levee toe.

LM Start	6.49	Rating **	N	Issue No.	233
LM End	6.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.562659 °	38.562659 °
				-121.422122 °	-121.422122 °
DWR ID	DWR_NA0001_04_f_2015_233				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_55_233_20170406_00261.jpg



View of the tree stump at the levee toe.

LM Start	6.52	Rating **	N	Issue No.	256
LM End	6.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.562347 °	38.562347 °
				-121.421905 °	-121.421905 °
DWR ID	DWR_NA0001_04_s_2017_256				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Stump at levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_256_20170406_00260.jpg



View of the stump at the levee toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	6.58	Rating **	U	Issue No.	73
LM End	6.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561643 °	38.561643 °
				-121.421262 °	-121.421262 °
DWR ID	DWR_NA0001_04_s_2012_73				
Comment Code					
BU : Building					
Inspector Comment					
Generator and sheds within 10-ft of levee slope.					

Photo 1 of 1 : SP_2017_NA0001_55_73_20170313_00057.jpg



03/16/2012 Structure for generator is within 5' of levee toe.

LM Start	6.60	Rating **	M	Issue No.	185
LM End	6.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561448 °	38.561448 °
				-121.421071 °	-121.421071 °
DWR ID	DWR_NA0001_04_f_2013_185				
Comment Code					
TA : Tank					
Inspector Comment					
5 water tanks and storage shed within 10 feet of landside levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_185_20170313_00156.jpg



View of the water tanks stored at the landside levee toe.

LM Start	6.62	Rating **	U	Issue No.	240
LM End	6.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.561121 °	38.560883 °
				-121.420766 °	-121.420514 °
DWR ID	DWR_NA0001_04_s_2017_240				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled the rodent burrows.					

Photo 1 of 2 : SP_2017_NA0001_55_240_20170313_00185.jpg



View of a rodent burrows at the landside levee toe.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	6.62	Rating **	U	Issue No.	240 (cont)	
LM End	6.65	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			38.561121 °		38.560883 °
				-121.420766 °		-121.420514 °
DWR ID	DWR_NA0001_04_s_2017_240					
Comment Code						
A1 : Exterminate rodents and backfill and compact or grout burrows.						
Inspector Comment						
LMA backfilled the rodent burrows.						

Photo 2 of 2 : SP_2017_NA0001_55_240_20170406_00259.jpg



Another view of the rodent burrow at the levee toe.

LM Start	6.62	Rating **	M	Issue No.	51
LM End	6.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561117 °	38.561117 °
				-121.420749 °	-121.420749 °
DWR ID	DWR_NA0001_04_f_2013_51				
Comment Code					
MA : Material					
Inspector Comment					
Pipe and other material stored within 10 feet of landside levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_51_20170313_00041.jpg



View of the material stored at the landside levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	6.77	Rating **	M	Issue No.	765
LM End	6.77	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.559450 °	38.559450 °
				-121.418960 °	-121.418960 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29975					
DS_ID:24349					
EP_NO: 16961					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No access available due to construction activities--need to inspect this section of levee once construction is complete.					
FIELD_STRUCT_DESC: 1 of 2: 48-inch HDPE drainpipe through the levee, approximately 2.5 feet below the crown. Siphon breaker on shoulder. Outfall strucutre on waterside (WS). Rock revetment on WS slope. (Permit No. 16961-2000)					
FS Date: 12/11/2013					

No Photos

LM Start	6.78	Rating **	M	Issue No.	766
LM End	6.78	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.559450 °	38.559450 °
				-121.418960 °	-121.418960 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29969					
DS_ID:24595					
EP_NO: 16961					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No access available due to construction activities--need to inspect this section of levee once construction is complete.					
FIELD_STRUCT_DESC: 2 of 2: 48-inch HDPE drainpipe through the levee, approximately 2.5 feet below the crown. Siphon breaker on shoulder. Outfall strucutre on waterside (WS). Rock revetment on WS slope. (Permit No. 16961-2000)					
FS Date: 12/11/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	6.82	Rating **	M	Issue No.	140
LM End	6.94	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.559152 °	38.558115 °
				-121.418108 °	-121.416328 °
DWR ID	DWR_NA0001_04_f_2012_140				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Bushes at waterside hinge obstruct visibility of waterside slope from levee crown.					

Photo 1 of 1 : SP_2017_NA0001_55_140_20170313_00119.jpg



View of landscaping at waterside hinge obstructing visibility.

LM Start	6.83	Rating **	M	Issue No.	767
LM End	6.83	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558960 °	38.558960 °
				-121.418140 °	-121.418140 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29970 DS_ID:24084 EP_NO: 17671 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No access available due to construction activities-- need to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: 1 of 2: 60-inch sewer main under the levee at unknown depth. (Permit No. 17671-2003) FS Date: 12/11/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	6.83	Rating **	M	Issue No.	768
LM End	6.83	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558960 °	38.558960 °
				-121.418140 °	-121.418140 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29971 DS_ID:24596 EP_NO: 17671 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No access available due to construction activities--need to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: 2 of 2: 60-inch sewer main under the levee at unknown depth. (Permit No. 17671-2003) FS Date: 12/11/2013					

No Photos

LM Start	6.83	Rating **	M	Issue No.	769
LM End	6.83	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.559011 °	38.559011 °
				-121.418079 °	-121.418079 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29972					
DS_ID:24320					
EP_NO: 12188					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No access available due to construction activities--					
need to inspect this section of levee once construction is complete.					
FIELD_STRUCT_DESC: 60-inch steel sewer main under the levee,					
approximately 21.6 feet below the crown. Two concrete cutoff walls					
around pipe under each shoulder. (Permit No. 12188-1979)					
FS Date: 12/11/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	7.34	Rating **	M	Issue No.	772
LM End	7.34	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558197°	38.558197°
				-121.409106°	-121.409106°
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30023 DS_ID:24319 EP_NO: 3596 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owners to determine how crossing was abandoned. FIELD_STRUCT_DESC: *ABANDONED* [Power Inn Road Plant] 4 of 4: 48-inch corrugated metal (CM) drainpipe through the levee, 20.0 feet below the crown. Two CM cutoff walls around pipe under each shoulder. Slide gate with control pedestal in CM pipe riser on waterside (WS) slope. Slide gate with control pedestal in collection sump on landside (LS). Pumping plant at LS toe. Reinforced concrete discharge box at the toe of the WS slope. Flap gate on WS end. (Permit No. 3596-1962) 60-inch discharge pipe from box across the berm to the riverbank installed under Permit No. 5894 (1970). Pipe abandoned and CM pipe riser cut 2.0 feet below ground surface under Permit No. 3596A (1998). FS Date: 12/11/2013					

Photo 1 of 3 : UCIP_SP_2017_30023_55394.jpg



Overview of levee crown at crossings.

LM Start	7.34	Rating **	M	Issue No.	772 (cont)
LM End	7.34	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_30023_55392.jpg



Signs of crossing repair patch section visible on levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	7.69	Rating **	U	Issue No.	75
LM End	7.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559230 °	38.559261 °
				-121.402708 °	-121.402219 °
DWR ID	DWR_NA0001_04_s _ 2012_75				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_75_20170313_00059.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	7.75	Rating **	U	Issue No.	76
LM End	7.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559308 °	38.559309 °
				-121.401717 °	-121.401388 °
DWR ID	DWR_NA0001_04_s _ 2012_76				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_76_20170313_00060.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	7.78	Rating **	U	Issue No.	77
LM End	7.80	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559330 °	38.559366 °
				-121.401162 °	-121.400683 °
DWR ID	DWR_NA0001_04_s_2012_77				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_77_20170313_00061.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	7.81	Rating **	M	Issue No.	255
LM End	7.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.559368 °	38.559368 °
				-121.400469 °	-121.400469 °
DWR ID	DWR_NA0001_04_s_2017_255				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Shrubs blocking visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_255_20170406_00257.jpg



View of the shrubs at the levee toe.

LM Start	7.82	Rating **	U	Issue No.	78
LM End	7.84	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559379 °	38.559435 °
				-121.400354 °	-121.399944 °
DWR ID	DWR_NA0001_04_s_2017_78				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_78_20170313_00062.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	7.86	Rating **	U	Issue No.	79
LM End	7.88	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559514 °	38.559643 °
				-121.399700 °	-121.399248 °
DWR ID	DWR_NA0001_04_s _ 2012_79				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_79_20170313_00063.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	7.90	Rating **	U	Issue No.	80
LM End	7.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559753 °	38.559911 °
				-121.398982 °	-121.398506 °
DWR ID	DWR_NA0001_04_s _ 2012_80				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_80_20170313_00064.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	7.93	Rating **	M	Issue No.	223
LM End	7.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.559957 °	38.559957 °
				-121.398401 °	-121.398401 °
DWR ID	DWR_NA0001_04_s_2012_223				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping trees and bushes within 10-ft of levee toe obstruct visibility.					

No Photos

LM Start	7.94	Rating **	U	Issue No.	224
LM End	8.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559968 °	38.560505 °
				-121.398330 °	-121.396989 °
DWR ID	DWR_NA0001_04_s_2012_224				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 2 : SP_2017_NA0001_55_224_20170313_00175.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	7.94	Rating **	U	Issue No.	224 (cont)
LM End	8.02	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2017_NA0001_55_224_20170406_00258.jpg



Another view of the fence at the levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	7.98	Rating **	U	Issue No.	81
LM End	8.00	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.560281 °	38.560435 °
				-121.397604 °	-121.397239 °
DWR ID	DWR_NA0001_04_s _ 2012_81				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_81_20170313_00065.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.02	Rating **	U	Issue No.	82
LM End	8.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.560537 °	38.560537 °
				-121.396912 °	-121.396912 °
DWR ID	DWR_NA0001_04_s _ 2012_82				
Comment Code					
FE : Fence					
Inspector Comment					
Brick fence is within 10-ft of levee toe, obstructing access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_82_20170313_00066.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

LM Start	8.04	Rating **	U	Issue No.	83
LM End	8.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.560647 °	38.560647 °
				-121.396660 °	-121.396660 °
DWR ID	DWR_NA0001_04_s _ 2012_83				
Comment Code					
FE : Fence					
Inspector Comment					
Brick fence is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_83_20170313_00067.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	8.05	Rating **	U	Issue No.	84
LM End	8.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.560728 °	38.560728 °
				-121.396471 °	-121.396471 °
DWR ID	DWR_NA0001_04_s _ 2012_84				
Comment Code					
FE : Fence					
Inspector Comment					
Brick fence is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_84_20170313_00068.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

LM Start	8.06	Rating **	A/W	Issue No.	745
LM End	8.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.560830 °	38.560830 °
				-121.396232 °	-121.396232 °
DWR ID	DWR_NA0001_04_s _ 2012_745				
Comment Code					
UR : Urban					
Inspector Comment					
Drains direct gutter flow onto levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_745_20170313_00198.jpg



11/15/2011 Gutter drains that are suspended from the balcony direct flow onto the levee toe.

LM Start	8.07	Rating **	U	Issue No.	85
LM End	8.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.560845 °	38.560845 °
				-121.396189 °	-121.396189 °
DWR ID	DWR_NA0001_04_s _ 2012_85				
Comment Code					
FE : Fence					
Inspector Comment					
Brick fence is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_85_20170313_00069.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	8.08	Rating **	U	Issue No.	86
LM End	8.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.560907 °	38.560907 °
				-121.396043 °	-121.396043 °
DWR ID	DWR_NA0001_04_s _ 2012_86				
Comment Code					
FE : Fence					
Inspector Comment					
Brick fence is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_86_20170313_00070.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

LM Start	8.09	Rating **	U	Issue No.	87
LM End	8.09	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561008 °	38.561008 °
				-121.395817 °	-121.395817 °
DWR ID	DWR_NA0001_04_s _ 2012_87				
Comment Code					
FE : Fence					
Inspector Comment					
Brick fence is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_87_20170313_00071.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

LM Start	8.13	Rating **	M	Issue No.	225
LM End	8.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.561248 °	38.561248 °
				-121.395169 °	-121.395169 °
DWR ID	DWR_NA0001_04_s _ 2012_225				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping along chain link fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_225_20170313_00176.jpg



View of the landscaping at the levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	8.16	Rating **	U	Issue No.	89
LM End	8.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561467 °	38.561467 °
				-121.394728 °	-121.394728 °
DWR ID	DWR_NA0001_04_s_2012_89				
Comment Code					
FE : Fence					
Inspector Comment					
Fence and landscaping arbor within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_89_20170313_00073.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.17	Rating **	U	Issue No.	90
LM End	8.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561544 °	38.561544 °
				-121.394494 °	-121.394494 °
DWR ID	DWR_NA0001_04_s_2012_90				
Comment Code					
FE : Fence					
Inspector Comment					
Cement block fence within 10-ft of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_90_20170313_00074.jpg



03/16/2012 Cinder block wall completely obstructs access and visibility.

LM Start	8.18	Rating **	U	Issue No.	91
LM End	8.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561593 °	38.561593 °
				-121.394315 °	-121.394315 °
DWR ID	DWR_NA0001_04_s_2012_91				
Comment Code					
FE : Fence					
Inspector Comment					
Concrete block fence and landscaping within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_91_20170313_00075.jpg



03/16/2012 Cinder block wall completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	8.19	Rating **	U	Issue No.	92
LM End	8.19	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561658 °	38.561658 °
				-121.394157 °	-121.394157 °
DWR ID	DWR_NA0001_04_s _ 2012_92				
Comment Code					
FE : Fence					
Inspector Comment					
Cement block fence and landscaping within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_92_20170313_00076.jpg



03/16/2012 Cinder block fence completely obstructs access and visibility.

LM Start	8.21	Rating **	U	Issue No.	93
LM End	8.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561750 °	38.561750 °
				-121.393917 °	-121.393917 °
DWR ID	DWR_NA0001_04_s _ 2012_93				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence, strung tarps, and landscaping within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_93_20170313_00077.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.21	Rating **	U	Issue No.	94
LM End	8.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561799 °	38.561799 °
				-121.393758 °	-121.393758 °
DWR ID	DWR_NA0001_04_s _ 2012_94				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence and pool within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_94_20170313_00078.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	8.23	Rating **	U	Issue No.	95
LM End	8.23	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561900 °	38.561900 °
				-121.393547 °	-121.393547 °
DWR ID	DWR_NA0001_04_s _ 2012_95				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_95_20170313_00079.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.24	Rating **	U	Issue No.	97
LM End	8.24	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561977 °	38.561977 °
				-121.393338 °	-121.393338 °
DWR ID	DWR_NA0001_04_s _ 2017_97				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_97_20170313_00081.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	8.25	Rating **	U	Issue No.	98
LM End	8.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.562054 °	38.562054 °
				-121.393190 °	-121.393190 °
DWR ID	DWR_NA0001_04_s_2012_98				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_98_20170313_00082.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.26	Rating **	U	Issue No.	99
LM End	8.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.562120 °	38.562120 °
				-121.392983 °	-121.392983 °
DWR ID	DWR_NA0001_04_s_2012_99				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_99_20170313_00083.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	8.27	Rating **	U	Issue No.	100
LM End	8.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.562182 °	38.562182 °
				-121.392778 °	-121.392778 °
DWR ID	DWR_NA0001_04_s_2012_100				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_100_20170313_00084.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.32	Rating **	U	Issue No.	101	
LM End	8.32	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			38.562508 °	38.562508 °	
				-121.392037 °	-121.392037 °	
DWR ID	DWR_NA0001_04_s_2012_101					
Comment Code						
FE : Fence						
Inspector Comment						
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.						

Photo 1 of 1 : SP_2017_NA0001_55_101_20170313_00085.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.38	Rating **	M	Issue No.	102
LM End	8.38	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.562889 °	38.562889 °
				-121.391042 °	-121.391042 °
DWR ID	DWR_NA0001_04_s_2012_102				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Helix sky pencil along chain link fence is within 10-ft of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_102_20170313_00086.jpg



View of the landscaping at the levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	8.40	Rating **	U	Issue No.	103
LM End	8.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563042 °	38.563042 °
				-121.390692 °	-121.390692 °
DWR ID	DWR_NA0001_04_s _ 2012_103				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_103_20170313_00087.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.41	Rating **	U	Issue No.	104
LM End	8.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563108 °	38.563108 °
				-121.390452 °	-121.390452 °
DWR ID	DWR_NA0001_04_s _ 2012_104				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_104_20170313_00088.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	8.44	Rating **	M	Issue No.	105
LM End	8.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.563238 °	38.563238 °
				-121.390073 °	-121.390073 °
DWR ID	DWR_NA0001_04_s_2012_105				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Palms planted within 10-ft of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_105_20170313_00089.jpg



View of the palm trees at the levee toe.

LM Start	8.45	Rating **	U	Issue No.	106
LM End	8.45	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563308 °	38.563308 °
				-121.389885 °	-121.389885 °
DWR ID	DWR_NA0001_04_s_2012_106				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility. Block wall built into the levee.					

Photo 1 of 1 : SP_2017_NA0001_55_106_20170313_00090.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.46	Rating **	M	Issue No.	246
LM End	8.46	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563434 °	38.563434 °
				-121.389675 °	-121.389675 °
DWR ID	DWR_NA0001_04_s_2014_246				
Comment Code					
RW : Retaining Wall					
Inspector Comment					
Retaining wall and irrigation at landside levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_246_20170313_00189.jpg



View of the irrigation and retaining wall at the landside levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	8.47	Rating **	U	Issue No.	107
LM End	8.47	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.563511 °	38.563511 °
				-121.389509 °	-121.389509 °
DWR ID	DWR_NA0001_04_s_2012_107				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_55_107_20170313_00091.jpg



03/16/2012 Landscaping obstructs visibility and access.

LM Start	8.48	Rating **	U	Issue No.	108
LM End	8.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.563587 °	38.563587 °
				-121.389313 °	-121.389313 °
DWR ID	DWR_NA0001_04_s_2012_108				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_55_108_20170313_00092.jpg



03/16/2012 Landscaping obstructs visibility and access.

LM Start	8.49	Rating **	U	Issue No.	109
LM End	8.49	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563580 °	38.563580 °
				-121.389140 °	-121.389140 °
DWR ID	DWR_NA0001_04_s_2012_109				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_109_20170313_00093.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location		** Rating		+ Issue Type	
LS : Land Side		A : Acceptable		Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable		Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable		En : Enforcement	
		N : Not Inspected/Rated			
		C : Corrected			
		A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	8.51	Rating **	U	Issue No.	110
LM End	8.51	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563732 °	38.563732 °
				-121.388930 °	-121.388930 °
DWR ID	DWR_NA0001_04_s_2012_110				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_110_20170313_00094.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.52	Rating **	M	Issue No.	226
LM End	8.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.563793 °	38.563793 °
				-121.388758 °	-121.388758 °
DWR ID	DWR_NA0001_04_s_2012_226				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Garden, trees and cactus planted against the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_226_20170313_00177.jpg



View of landscaping at the levee toe.

LM Start	8.53	Rating **	U	Issue No.	111
LM End	8.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563820 °	38.563820 °
				-121.388518 °	-121.388518 °
DWR ID	DWR_NA0001_04_s_2012_111				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_111_20170313_00095.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	8.55	Rating **	U	Issue No.	113
LM End	8.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.563963 °	38.563963 °
				-121.388135 °	-121.388135 °
DWR ID	DWR_NA0001_04_s_2012_113				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_55_113_20170313_00097.jpg



03/16/2012 Landscaping on chainlink fence blocks visibility and access.

LM Start	8.57	Rating **	U	Issue No.	114
LM End	8.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.564020 °	38.564020 °
				-121.387887 °	-121.387887 °
DWR ID	DWR_NA0001_04_s_2012_114				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Ivy and orange tree obstruct visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_114_20170313_00098.jpg



03/16/2012 Ivy on chainlink fence completely obstructs visibility and access.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	8.58	Rating **	U	Issue No.	115
LM End	8.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564047 °	38.564047 °
				-121.387743 °	-121.387743 °
DWR ID	DWR_NA0001_04_s_2012_115				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_115_20170313_00099.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.59	Rating **	U	Issue No.	117
LM End	8.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564094 °	38.564094 °
				-121.387498 °	-121.387498 °
DWR ID	DWR_NA0001_04_s_2012_117				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence and wood out building within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_117_20170313_00101.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	8.60	Rating **	U	Issue No.	116
LM End	8.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564133 °	38.564133 °
				-121.387318 °	-121.387318 °
DWR ID	DWR_NA0001_04_s_2012_116				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_116_20170313_00100.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.61	Rating **	U	Issue No.	118	
LM End	8.61	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			38.564133	°	38.564133
				-121.387092	°	-121.387092
DWR ID	DWR_NA0001_04_s_2012_118					
Comment Code						
FE : Fence						
Inspector Comment						
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.						

Photo 1 of 1 : SP_2017_NA0001_55_118_20170313_00102.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	8.63	Rating **	U	Issue No.	119
LM End	8.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564217 °	38.564217 °
				-121.386846 °	-121.386846 °
DWR ID	DWR_NA0001_04_s_2012_119				
Comment Code					
FE : Fence					
Inspector Comment					
Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_119_20170313_00103.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.64	Rating **	M	Issue No.	254
LM End	8.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564257 °	38.564257 °
				-121.386543 °	-121.386543 °
DWR ID	DWR_NA0001_04_s_2017_254				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence blocking access.					

Photo 1 of 1 : SP_2017_NA0001_55_254_20170406_00256.jpg



View of the fence at the levee toe.

LM Start	8.83	Rating **	N	Issue No.	230
LM End	8.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.564929 °	38.564929 °
				-121.383248 °	-121.383248 °
DWR ID	DWR_NA0001_04_f_2015_230				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
5 shrub stumps with multiple branches.					

Photo 1 of 1 : SP_2017_NA0001_55_230_20170313_00179.jpg



View of the multiple tree stumps at the landside levee toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	8.91	Rating **	U	Issue No.	235
LM End	8.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.565390 °	38.565390 °
				-121.381906 °	-121.381906 °
DWR ID	DWR_NA0001_04_s _ 2012_235				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence with privacy slats and barbed wire within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_235_20170313_00181.jpg



03/16/2012 Chainlink fence with privacy slats and barbed wire obstruct visibility and access.

LM Start	9.30	Rating **	U	Issue No.	249	
LM End	9.30	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			38.566685 °		38.566685 °
				-121.374818 °		-121.374818 °
DWR ID	DWR_NA0001_04_s _ 2017_249					
Comment Code						
A1 : Exterminate rodents and backfill and compact or grout burrows.						
Inspector Comment						
Multiple active rodent holes.						

Photo 1 of 2 : SP_2017_NA0001_55_249_20170406_00255.jpg



View of the rodent burrows on the levee slope, looking upstream.

LM Start	9.30	Rating **	U	Issue No.	249 (cont)
LM End	9.30	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_NA0001_55_249_20170406_00254.jpg



Another view of the rodent burrows on the levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	9.41	Rating **	A/W	Issue No.	236
LM End	9.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.566711 °	38.566711 °
				-121.372912 °	-121.372912 °
DWR ID	DWR_NA0001_04_s_2017_236				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Sinkhole in top portion of waterside levee slope identified Feb 2017. County should conduct permanent repair of site.					

Photo 1 of 1 : SP_2017_NA0001_55_236_20170517_00284.jpg



View of the temporarily repaired slope.

LM Start	9.48	Rating **	M	Issue No.	237
LM End	9.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.566961 °	38.566961 °
				-121.371544 °	-121.371544 °
DWR ID	DWR_NA0001_04_s_2012_237				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Redwoods and ivy along fence within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_237_20170313_00183.jpg



View of landscaping at levee toe.

LM Start	9.52	Rating **	U	Issue No.	121
LM End	9.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567073 °	38.567073 °
				-121.370933 °	-121.370933 °
DWR ID	DWR_NA0001_04_s_2012_121				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Oleander bushes and shrubs within 10-ft of landside toe.					

Photo 1 of 1 : SP_2017_NA0001_55_121_20170313_00104.jpg



03/16/2012 Landscaping obstructs visibility and access.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	9.55	Rating **	M	Issue No.	122
LM End	9.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567181 °	38.567181 °
				-121.370366 °	-121.370366 °
DWR ID	DWR_NA0001_04_s_2012_122				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees and ground cover within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_122_20170313_00105.jpg



View of landscaping at levee toe.

LM Start	9.56	Rating **	N	Issue No.	123
LM End	9.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.567246 °	38.567246 °
				-121.370146 °	-121.370146 °
DWR ID	DWR_NA0001_04_s_2012_123				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Trees, bushes and ground cover within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_123_20170313_00106.jpg



03/16/2012 Large tree stump at levee toe.

LM Start	9.57	Rating **	M	Issue No.	124
LM End	9.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567274 °	38.567274 °
				-121.369926 °	-121.369926 °
DWR ID	DWR_NA0001_04_s_2012_124				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Ivy and vines on chain link fence within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_124_20170313_00107.jpg



View of landscaping at levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	9.58	Rating **	M	Issue No.	243
LM End	9.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567319 °	38.567319 °
				-121.369744 °	-121.369744 °
DWR ID	DWR_NA0001_04_s _ 2017_243				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence within 10 foot of levee toe. Ivy on fence is pruned not limiting visibility.					

No Photos

LM Start	9.60	Rating **	U	Issue No.	125
LM End	9.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567360 °	38.567360 °
				-121.369555 °	-121.369555 °
DWR ID	DWR_NA0001_04_s _ 2012_125				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Dense golden ivy on C/L fence obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_125_20170313_00108.jpg



03/16/2012 Landscaping obstructs visibility and access.

LM Start	9.61	Rating **	M	Issue No.	239
LM End	9.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567398 °	38.567398 °
				-121.369305 °	-121.369305 °
DWR ID	DWR_NA0001_04_s _ 2017_239				
Comment Code					
FE : Fence					
Inspector Comment					
Wrought fence within 10 foot of levee toe.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	9.62	Rating **	M	Issue No.	232
LM End	9.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567407 °	38.567407 °
				-121.369116 °	-121.369116 °
DWR ID	DWR_NA0001_04_s _ 2017_232				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence within 10 foot of levee toe.					

No Photos

LM Start	9.63	Rating **	M	Issue No.	131
LM End	9.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567453 °	38.567453 °
				-121.368923 °	-121.368923 °
DWR ID	DWR_NA0001_04_s _ 2017_131				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence within 10 feet of levee toe.					

No Photos

LM Start	9.65	Rating **	U	Issue No.	128
LM End	9.65	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567493 °	38.567493 °
				-121.368633 °	-121.368633 °
DWR ID	DWR_NA0001_04_s _ 2012_128				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_128_20170313_00109.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	9.67	Rating **	M	Issue No.	129
LM End	9.67	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567594 °	38.567594 °
				-121.368195 °	-121.368195 °
DWR ID	DWR_NA0001_04_s _ 2012_129				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees and vines along C/L fence within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_129_20170313_00110.jpg



View of landscaping at levee toe.

LM Start	9.69	Rating **	U	Issue No.	130
LM End	9.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567626 °	38.567626 °
				-121.367921 °	-121.367921 °
DWR ID	DWR_NA0001_04_s _ 2012_130				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Tall hedge obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_130_20170313_00111.jpg



03/16/2012 Tall hedge obstructs visibility and access.

LM Start	9.72	Rating **	N	Issue No.	234	
LM End	9.72	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.567761 °		38.567761 °
				-121.367363 °		-121.367363 °
DWR ID	DWR_NA0001_04_s _ 2015_234					
Comment Code						
T5 : Tree stumps.						
Inspector Comment						

Photo 1 of 1 : SP_2017_NA0001_55_234_20170313_00180.jpg



View of the tree stump at the landside levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	9.72	Rating **	M	Issue No.	132
LM End	9.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567772 °	38.567772 °
				-121.367227 °	-121.367227 °
DWR ID	DWR_NA0001_04_s _ 2012_132				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees and ivy on levee slope obstruct access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_132_20170313_00113.jpg



View of obstructive landscaping.

LM Start	9.75	Rating **	M	Issue No.	231
LM End	9.75	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567869 °	38.567869 °
				-121.366730 °	-121.366730 °
DWR ID	DWR_NA0001_04_s _ 2017_231				
Comment Code					
FE : Fence					
Inspector Comment					

No Photos

LM Start	9.75	Rating **	M	Issue No.	133
LM End	9.75	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567888 °	38.567888 °
				-121.366734 °	-121.366734 °
DWR ID	DWR_NA0001_04_s _ 2012_133				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Lemon tree, palm, and ivy planted within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_133_20170313_00114.jpg



View of landscaping at levee toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	9.77	Rating **	U	Issue No.	134
LM End	9.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567873 °	38.567873 °
				-121.366410 °	-121.366410 °
DWR ID	DWR_NA0001_04_s_2012_134				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Ivy, hedge and play house is within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_134_20170313_00115.jpg



View of landscaping and playhouse.

LM Start	9.80	Rating **	N	Issue No.	222
LM End	9.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.568107 °	38.568114 °
				-121.365842 °	-121.365747 °
DWR ID	DWR_NA0001_04_f_2016_222				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
2 tree stumps approximately 40 feet apart.					

Photo 1 of 1 : SP_2017_NA0001_55_222_20170313_00174.jpg



View of the tree stump at the landside levee toe.

LM Start	9.88	Rating **	U	Issue No.	135
LM End	9.88	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.568411 °	38.568411 °
				-121.364489 °	-121.364489 °
DWR ID	DWR_NA0001_04_s_2012_135				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Tall hedge and ivy within 10-ft of landside levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_135_20170313_00116.jpg



03/16/2012 Landscaping is obstructing visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	9.93	Rating **	M	Issue No.	229
LM End	9.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568647 °	38.568647 °
				-121.363585 °	-121.363585 °
DWR ID	DWR_NA0001_04_s _ 2017_229				
Comment Code					
FE : Fence					
Inspector Comment					
Fence with grapevine blocking access.					

No Photos

LM Start	9.95	Rating **	M	Issue No.	136
LM End	9.95	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568714 °	38.568714 °
				-121.363257 °	-121.363257 °
DWR ID	DWR_NA0001_04_s _ 2012_136				
Comment Code					
FE : Fence					
Inspector Comment					
Wire fence within 10-ft of landside levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_136_20170313_00117.jpg



View of the fence and tree stump at the landside levee toe.

LM Start	10.00	Rating **	U	Issue No.	138
LM End	10.00	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568953 °	38.568953 °
				-121.362396 °	-121.362396 °
DWR ID	DWR_NA0001_04_s _ 2012_138				
Comment Code					
FE : Fence					
Inspector Comment					
03/16/2012 Wood privacy fence completely obstructs visibility and access.					

Photo 1 of 1 : SP_2017_NA0001_55_138_20170313_00118.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	10.06	Rating **	U	Issue No.	245
LM End	10.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569247 °	38.569247 °
				-121.361315 °	-121.361315 °
DWR ID	DWR_NA0001_04_s_2014_245				
Comment Code					
FE : Fence					
Inspector Comment					
Rod fence covered with vegetation within 10ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_245_20170313_00188.jpg



View of the fence at the landside levee toe.

LM Start	10.08	Rating **	U	Issue No.	176
LM End	10.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569293 °	38.569293 °
				-121.361002 °	-121.361002 °
DWR ID	DWR_NA0001_04_s_2012_176				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_55_176_20170313_00151.jpg



03/16/2012 Wood structure within 15' of levee toe.

LM Start	10.08	Rating **	M	Issue No.	221
LM End	10.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.569290 °	38.569290 °
				-121.360960 °	-121.360960 °
DWR ID	DWR_NA0001_04_s_2017_221				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_55_221_20170406_00253.jpg



View of the footpath on the levee slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	10.24	Rating **	U	Issue No.	141
LM End	10.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569982 °	38.570118 °
				-121.358134 °	-121.357604 °
DWR ID	DWR_NA0001_04_s_2012_141				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence behind six apartment units is within 10-ft of levee slope.					

Photo 1 of 1 : SP_2017_NA0001_55_141_20170313_00120.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.28	Rating **	U	Issue No.	142
LM End	10.30	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570175 °	38.570229 °
				-121.357390 °	-121.357041 °
DWR ID	DWR_NA0001_04_s_2017_142				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence behind six apartment units is within 10-ft of levee slope.					

Photo 1 of 1 : SP_2017_NA0001_55_142_20170313_00121.jpg



Wooden fence behind apartments within 10' of levee toe.

LM Start	10.30	Rating **	U	Issue No.	146
LM End	10.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570225 °	38.570245 °
				-121.357014 °	-121.356791 °
DWR ID	DWR_NA0001_04_s_2012_146				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence behind 6 apartments.					

Photo 1 of 1 : SP_2017_NA0001_55_146_20170313_00125.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	10.32	Rating **	U	Issue No.	143
LM End	10.34	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570257 °	38.570297 °
				-121.356783 °	-121.356403 °
DWR ID	DWR_NA0001_04_s _ 2012_143				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence behind six apartment units is within 10-ft of levee slope.					

Photo 1 of 1 : SP_2017_NA0001_55_143_20170313_00122.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.35	Rating **	U	Issue No.	144
LM End	10.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570325 °	38.570397 °
				-121.356185 °	-121.355757 °
DWR ID	DWR_NA0001_04_s _ 2012_144				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence behind six apartment units is within 10-ft of levee slope.					

Photo 1 of 1 : SP_2017_NA0001_55_144_20170313_00123.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	10.38	Rating **	U	Issue No.	145
LM End	10.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570417 °	38.570500 °
				-121.355625 °	-121.355151 °
DWR ID	DWR_NA0001_04_s_2012_145				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence behind six apartment units is within 10-ft of levee slope.					

Photo 1 of 1 : SP_2017_NA0001_55_145_20170313_00124.jpg



Wood privacy fence completely obstructs access and visibility.

LM Start	10.40	Rating **	M	Issue No.	220
LM End	10.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.570451 °	38.570451 °
				-121.355320 °	-121.355320 °
DWR ID	DWR_NA0001_04_s_2017_220				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	10.42	Rating **	A/W	Issue No.	228
LM End	10.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.570536 °	38.570536 °
				-121.354957 °	-121.354957 °
DWR ID	DWR_NA0001_04_s_2016_228				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
The erosion of the levee slope from the footpath appears to be stable at this time and should be monitored.					

Photo 1 of 1 : SP_2017_NA0001_55_228_20170313_00178.jpg



View of the fence at the landside levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	10.43	Rating **	U	Issue No.	147
LM End	10.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570542 °	38.570542 °
				-121.354772 °	-121.354772 °
DWR ID	DWR_NA0001_04_s _ 2012_147				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence.					

Photo 1 of 1 : SP_2017_NA0001_55_147_20170313_00126.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.44	Rating **	A/W	Issue No.	219
LM End	10.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.570559 °	38.570559 °
				-121.354514 °	-121.354514 °
DWR ID	DWR_NA0001_04_s _ 2017_219				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
The erosion of the levee slope from the footpath appears to be stable at this time and should be monitored.					

Photo 1 of 1 : SP_2017_NA0001_55_219_20170406_00252.jpg



View of the footpath on the levee slope.

LM Start	10.45	Rating **	U	Issue No.	148
LM End	10.45	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570524 °	38.570524 °
				-121.354359 °	-121.354359 °
DWR ID	DWR_NA0001_04_s _ 2012_148				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence obstructs visibility and access.					

Photo 1 of 1 : SP_2017_NA0001_55_148_20170313_00127.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	10.47	Rating **	M	Issue No.	180
LM End	10.47	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570397 °	38.570397 °
				-121.354084 °	-121.354084 °
DWR ID	DWR_NA0001_04_s_2012_180				
Comment Code					
FE : Fence					
Inspector Comment					
Chainlink fence partially obstructs, currently visibility is unobstructed.					

Photo 1 of 1 : SP_2017_NA0001_55_180_20170313_00155.jpg



Chainlink fence is partially obstructing visibility and access.

LM Start	10.48	Rating **	U	Issue No.	149
LM End	10.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570234 °	38.570234 °
				-121.353862 °	-121.353862 °
DWR ID	DWR_NA0001_04_s_2012_149				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence is within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_149_20170313_00128.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	10.49	Rating **	U	Issue No.	150
LM End	10.49	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570095 °	38.570095 °
				-121.353807 °	-121.353807 °
DWR ID	DWR_NA0001_04_s _ 2012_150				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_150_20170313_00129.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.51	Rating **	U	Issue No.	151
LM End	10.51	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569921 °	38.569921 °
				-121.353643 °	-121.353643 °
DWR ID	DWR_NA0001_04_s _ 2012_151				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_151_20170313_00130.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	10.52	Rating **	U	Issue No.	152
LM End	10.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569758 °	38.569758 °
				-121.353535 °	-121.353535 °
DWR ID	DWR_NA0001_04_s_2012_152				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_152_20170313_00131.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.57	Rating **	U	Issue No.	153
LM End	10.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569166 °	38.569166 °
				-121.353272 °	-121.353272 °
DWR ID	DWR_NA0001_04_s_2012_153				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence and ivy within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_153_20170313_00132.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	10.58	Rating **	U	Issue No.	154
LM End	10.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569013 °	38.569013 °
				-121.353218 °	-121.353218 °
DWR ID	DWR_NA0001_04_s_2012_154				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_154_20170313_00133.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.59	Rating **	M	Issue No.	155
LM End	10.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.568892 °	38.568892 °
				-121.353162 °	-121.353162 °
DWR ID	DWR_NA0001_04_s_2012_155				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees and bushes are within 10-ft of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_155_20170313_00134.jpg



03/16/2012 Trees and bushes within 10' of levee toe.

LM Start	10.60	Rating **	U	Issue No.	156
LM End	10.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568713 °	38.568713 °
				-121.353150 °	-121.353150 °
DWR ID	DWR_NA0001_04_s_2012_156				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence and landscaping within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_156_20170313_00135.jpg



View of the fence at the landside levee toe obstructing visibility and access.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	10.61	Rating **	M	Issue No.	157
LM End	10.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.568608 °	38.568608 °
				-121.353054 °	-121.353054 °
DWR ID	DWR_NA0001_04_s _ 2012_157				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Tall hedge and vine on levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_157_20170313_00136.jpg



03/16/2012 Landscaping obstructs visibility

LM Start	10.62	Rating **	U	Issue No.	158
LM End	10.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568355 °	38.568355 °
				-121.353033 °	-121.353033 °
DWR ID	DWR_NA0001_04_s _ 2012_158				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_158_20170313_00137.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	10.63	Rating **	U	Issue No.	159
LM End	10.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568313 °	38.568313 °
				-121.352941 °	-121.352941 °
DWR ID	DWR_NA0001_04_s_2012_159				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_159_20170313_00138.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.63	Rating **	M	Issue No.	227
LM End	10.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.568301 °	38.568301 °
				-121.352937 °	-121.352937 °
DWR ID	DWR_NA0001_04_s_2016_227				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_55_227_20170406_00251.jpg



View of the rodent burrow on the levee slope, looking upstream.

LM Start	10.64	Rating **	U	Issue No.	160
LM End	10.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568188 °	38.568188 °
				-121.352864 °	-121.352864 °
DWR ID	DWR_NA0001_04_f_2012_160				
Comment Code					
FE : Fence					
Inspector Comment					
Tall wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_160_20170313_00139.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	10.65	Rating **	U	Issue No.	161
LM End	10.65	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568058 °	38.568058 °
				-121.352785 °	-121.352785 °
DWR ID	DWR_NA0001_04_s_2012_161				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence and vine within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_161_20170313_00140.jpg



View of wood privacy fence completely obstructing access and visibility.

LM Start	10.66	Rating **	U	Issue No.	179
LM End	10.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567917 °	38.567917 °
				-121.352698 °	-121.352698 °
DWR ID	DWR_NA0001_04_s_2012_179				
Comment Code					
FE : Fence					
Inspector Comment					
Chainlink fence with bamboo mats prevent visibility.					

Photo 1 of 1 : SP_2017_NA0001_55_179_20170313_00154.jpg



03/16/2012 Bamboo panels on chainlink fence completely obstruct visibility.

LM Start	10.68	Rating **	M	Issue No.	178
LM End	10.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567552 °	38.567552 °
				-121.352500 °	-121.352500 °
DWR ID	DWR_NA0001_04_s_2012_178				
Comment Code					
FE : Fence					
Inspector Comment					
Chainlink fence					

Photo 1 of 1 : SP_2017_NA0001_55_178_20170313_00153.jpg



03/16/2012 Chainlink fence partially blocks visibility.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	10.70	Rating **	U	Issue No.	162
LM End	10.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567402 °	38.567402 °
				-121.352415 °	-121.352415 °
DWR ID	DWR_NA0001_04_s_2012_162				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_162_20170313_00141.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.71	Rating **	U	Issue No.	163
LM End	10.71	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567250 °	38.567250 °
				-121.352341 °	-121.352341 °
DWR ID	DWR_NA0001_04_s_2012_163				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence and landscaping within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_163_20170313_00142.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	10.72	Rating **	U	Issue No.	172
LM End	10.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567008 °	38.567008 °
				-121.352226 °	-121.352226 °
DWR ID	DWR_NA0001_04_s_2012_172				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence.					

Photo 1 of 1 : SP_2017_NA0001_55_172_20170313_00150.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.73	Rating **	U	Issue No.	170
LM End	10.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.566981 °	38.566981 °
				-121.352213 °	-121.352213 °
DWR ID	DWR_NA0001_04_f_2012_170				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_170_20170313_00148.jpg



View of the fence obstructing visibility and access.

LM Start	10.75	Rating **	U	Issue No.	166
LM End	10.75	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.566705 °	38.566705 °
				-121.352063 °	-121.352063 °
DWR ID	DWR_NA0001_04_s_2012_166				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_166_20170313_00144.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	10.76	Rating **	U	Issue No.	171
LM End	10.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.566499 °	38.566499 °
				-121.351952 °	-121.351952 °
DWR ID	DWR_NA0001_04_s_2012_171				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence and tall hedge within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_171_20170313_00149.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.77	Rating **	U	Issue No.	169
LM End	10.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.566399 °	38.566399 °
				-121.351931 °	-121.351931 °
DWR ID	DWR_NA0001_04_s_2012_169				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_169_20170313_00147.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	10.78	Rating **	U	Issue No.	167
LM End	10.78	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.566233 °	38.566233 °
				-121.351848 °	-121.351848 °
DWR ID	DWR_NA0001_04_s_2012_167				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Wooden privacy fence ivy and vine planted within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_167_20170313_00145.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.80	Rating **	U	Issue No.	165
LM End	10.80	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.566044 °	38.566044 °
				-121.351747 °	-121.351747 °
DWR ID	DWR_NA0001_04_s_2012_165				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_165_20170313_00143.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	03/16/2017 04/13/2017	Maksim Khashchuk

LM Start	10.81	Rating **	U	Issue No.	168
LM End	10.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.565917 °	38.565646 °
				-121.351682 °	-121.351532 °
DWR ID	DWR_NA0001_04_s_2012_168				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_55_168_20170313_00146.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 05 Sacramento River			Left	0.41
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/13/2017 - 5/4/2017			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Ross Kawamura ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Sacramento River	Left	0.41	04/13/2017 05/04/2017	Maksim Khashchuk

LM Start	0.10	Rating **	U	Issue No.	2
LM End	0.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.595044 °	38.594117 °
				-121.506497 °	-121.506377 °
DWR ID	DWR_NA0001_05_s _ 2012_2				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping behind Best Western. This appears to be permit 8760, but the landscaping is not maintained per title 23 standards.					

Photo 1 of 1 : SP_2017_NA0001_56_2_20170417_00003.jpg



View of the landscaping on the landside levee slope obstructing visibility and access.

LM Start	0.27	Rating **	M	Issue No.	5
LM End	0.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.592630 °	38.591517 °
				-121.505850 °	-121.505447 °
DWR ID	DWR_NA0001_05_s _ 2012_5				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping at City intake facility.					

Photo 1 of 1 : SP_2017_NA0001_56_5_20170313_00002.jpg



View of the landscaping on the landside levee slope at the City intake facility.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 06 Linda Creek			Left	1.30
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/15/2017 - 5/3/2017			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Ross Kawamura ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.09	Rating **	M	Issue No.	4
LM End	0.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.657288 °	38.660498 °
				-121.473096 °	-121.461799 °
DWR ID	DWR_NA0001_06_s_2017_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_57_4_20170327_00007.jpg



View of the annual vegetation on the levee slope.

LM Start	0.75	Rating **	M	Issue No.	7
LM End	0.75	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.660518 °	38.660518 °
				-121.461826 °	-121.461826 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30706 DS_ID:24812 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if line goes through levee or along landward slope. No permit found. FIELD_STRUCT_DESC: Storm drain manhole located on landside (LS). FS Date: 12/20/2013					

Photo 1 of 3 : UCIP_SP_2017_30706_56559.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.75	Rating **	M	Issue No.	7 (cont)	
LM End	0.75	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.660518 °		38.660518 °
				-121.461826 °		-121.461826 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:30706 DS_ID:24812 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if line goes through levee or along landward slope. No permit found. FIELD_STRUCT_DESC: Storm drain manhole located on landside (LS). FS Date: 12/20/2013						

LM Start	0.75	Rating **	M	Issue No.	7 (cont)
LM End	0.75	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_30706_56558.jpg



Manhole located on landward slope.

Photo 3 of 3 : UCIP_SP_2017_30706_56557.jpg



Manhole located on landward side identified as storm drain. Unable to determine if drain crosses levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

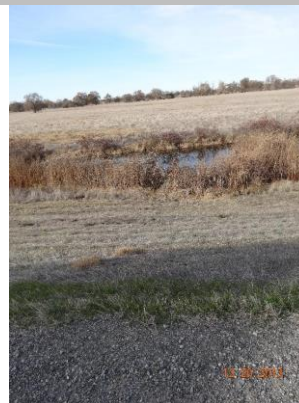
Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.84	Rating **	M	Issue No.	8
LM End	0.84	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.661156 °	38.661156 °
				-121.460475 °	-121.460475 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29223 DS_ID:24354 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to find CM riser and flap gate on waterward end--need to contact owner to determine status of crossing. Manhole found on landward side however unable to determine if manhole is part of this crossing. FIELD_STRUCT_DESC: 24-inch pipe through the levee, 12.5 feet below the crown. Two corrugated metal (CM) cutoff walls around pipe. Slide gate in CM riser and flap gate at waterside (WS) end. Concrete headwalls on both ends. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 440+50). FS Date: 12/20/2013					

Photo 1 of 3 : UCIP_SP_2017_29223_54002.jpg



View of waterward side--no evidence of crossing.

LM Start	0.84	Rating **	M	Issue No.	8 (cont)
LM End	0.84	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_29223_54001.jpg



View of landward side--manhole on landward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.84	Rating **	M	Issue No.	8 (cont)	
LM End	0.84	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.661156 °	38.661156 °	
				-121.460475 °	-121.460475 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:29223						
DS_ID:24354						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to find CM riser and flap gate on waterward end--need to contact owner to determine status of crossing. Manhole found on landward side however unable to determine if manhole is part of this crossing.						
FIELD_STRUCT_DESC: 24-inch pipe through the levee, 12.5 feet below the crown. Two corrugated metal (CM) cutoff walls around pipe. Slide gate in CM riser and flap gate at waterside (WS) end. Concrete headwalls on both ends. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 440+50).						
FS Date: 12/20/2013						

Photo 3 of 3 : UCIP_SP_2017_29223_54000.jpg



Manhole visible on landward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 07 Arcade Creek			Right	1.93
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/15/2017 - 5/3/2017			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Ross Kawamura ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.04	Rating **	M	Issue No.	38
LM End	0.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.620569 °	38.620569 °
				-121.467117 °	-121.467117 °
DWR ID	DWR_NA0001_07_f_2015_38				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_58_38_20170313_00028.jpg



View of the landside levee slope damaged by motorized traffic.

LM Start	0.71	Rating **	U	Issue No.	45
LM End	0.71	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.624843 °	38.624843 °
				-121.457097 °	-121.457097 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49931 DS_ID:24363 EP_NO: 3417 Repair Type: Urgent Crossing Status: Found UCIP Comments: 8/11/2016 Markers still missing. LMA representatives, Tim Kerr and Richard Marck, provided permit for PG&E line to be raised to 200-year water surface elevation. Pipe will be raised on both the right and left banks. Depth below the crown will need to be updated once construction is completed. (DWR UCIP - omagana)12/19/2013 Missing gas line markers -- need to contact owner to determine status. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 4-inch steel gas line through the levee, 2 feet below the crown. Corrugated metal (CM) cutoff wall around pipe at the center of the levee. 4-inch gate valve will be installed on the LS approximately 355 feet from levee crown (near Fairbanks Avenue and Norwood Avenue). (4-inch pipe installed under Permit No. 3417, 1961 - Pacific Gas and Electric Company [PG&E]; 4-inch pipe removed and replaced under Permit 18641, 2011 - PG&E; 4-inch pipe through levee (both right and left bank) raised above the 200-year water surface elevation under Permit No. 18641-1, 2016 - PG&E) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 8/11/2016					

Photo 1 of 3 : UCIP_SP_2017_49931_54061.jpg



Norwood Avenue Bridge

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.71	Rating **	U	Issue No.	45 (cont)	
LM End	0.71	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.624843 °		38.624843 °
				-121.457097 °		-121.457097 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:49931 DS_ID:24363 EP_NO: 3417 Repair Type: Urgent Crossing Status: Found UCIP Comments: 8/11/2016 Markers still missing. LMA representatives, Tim Kerr and Richard Marck, provided permit for PG&E line to be raised to 200-year water surface elevation. Pipe will be raised on both the right and left banks. Depth below the crown will need to be updated once construction is completed. (DWR UCIP - omagana)12/19/2013 Missing gas line markers -- need to contact owner to determine status. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 4-inch steel gas line through the levee, 2 feet below the crown. Corrugated metal (CM) cutoff wall around pipe at the center of the levee. 4-inch gate valve will be installed on the LS approximately 355 feet from levee crown (near Fairbanks Avenue and Norwood Avenue). (4-inch pipe installed under Permit No. 3417, 1961 - Pacific Gas and Electric Company [PG&E]; 4-inch pipe removed and replaced under Permit 18641, 2011 - PG&E; 4-inch pipe through levee (both right and left bank) raised above the 200-year water surface elevation under Permit No. 18641-1, 2016 - PG&E) [Additional Reference(s): DWR Levee Log, 2002] FS Date: 8/11/2016						

LM Start	0.71	Rating **	U	Issue No.	45 (cont)
LM End	0.71	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_49931_54062.jpg



View of pipe attached to bridge.

Photo 3 of 3 : UCIP_SP_2017_49931_54060.jpg



View of LS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	0.93	Rating **	A/W	Issue No.	36
LM End	0.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.625727 °	38.625727 °
				-121.453208 °	-121.453208 °
DWR ID	DWR_NA0001_07_s_2017_36				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
This appears to be an active location for foot traffic. The erosion of the levee slope from the footpath appears to be stable at this time and should be monitored.					

Photo 1 of 1 : SP_2017_NA0001_58_36_20170327_00045.jpg



View of the footpath on levee slope.

LM Start	1.24	Rating **	M	Issue No.	46
LM End	1.24	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625785 °	38.625785 °
				-121.447464 °	-121.447464 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:40803 DS_ID:24447 EP_NO: 16466 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine if crossings are at this location are associated with Permit number 16466--unable to confirm crossings. FIELD_STRUCT_DESC: Two 6-inch and one 2-inch concrete encased steel utility conduits through the levee, all approximately 2.0 feet below the crown. Manhole on the levee crown. (Permit No. 16466-1995) FS Date: 12/20/2013					

Photo 1 of 3 : UCIP_SP_2017_40803_48512.jpg



Underground Service Alert (USA) marking present on pavement however, unable to verify crossings.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.24	Rating **	M	Issue No.	46 (cont)	
LM End	1.24	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.625785 °	38.625785 °	
				-121.447464 °	-121.447464 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40803						
DS_ID:24447						
EP_NO: 16466						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to contact owner to determine if crossings are at this location are associated with Permit number 16466--unable to confirm crossings.						
FIELD_STRUCT_DESC: Two 6-inch and one 2-inch concrete encased steel utility conduits through the levee, all approximately 2.0 feet below the crown. Manhole on the levee crown. (Permit No. 16466-1995)						
FS Date: 12/20/2013						

LM Start	1.24	Rating **	M	Issue No.	46 (cont)
LM End	1.24	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_40803_48511.jpg



View of levee crown and estimate where crossings cross levee.

Photo 3 of 3 : UCIP_SP_2017_40803_48510.jpg



Underground Service Alert (USA) faint utility markers visible on levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.31	Rating **	M	Issue No.	47
LM End	1.31	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.626198 °	38.626198 °
				-121.446321 °	-121.446321 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29275 DS_ID:24553 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Only manhole present--need to coordinate with owner to determine if crossing is still presnt and whether manhole corresponds to this crossing. FIELD_STRUCT_DESC: 8-inch (not 10-inch as indicated in desk study) sewer pipe through the levee, 7.5 feet below the crown. Floodgates within the levee across the channel, installed under Permit No. 14480 (1986). FS Date: 12/20/2013					

Photo 1 of 1 : UCIP_SP_2017_29275_54199.jpg



Manhole visible on landward side.

LM Start	1.33	Rating **	U	Issue No.	48
LM End	1.33	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.626218 °	38.626218 °
				-121.446318 °	-121.446318 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49933 DS_ID:24443 EP_NO: 15152 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: 8/11/2016 Markers still missing. Will need to update depth below crown once construction is completed. (DWR UCIP - omagana)12/20/2013 Unable to confirm if crossing is the same one authorized through permit. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 4-inch steel gas main through the levee, 2.5 feet below the crown. Vent is located on the waterside (WS) shoulder. (4-inch line installed under Permit No. 15152, 1989 - Pacific Gas and Electric Company [PG&E]; 4-inch will be raised above the 200-year water surface elevation within the levee crown under Permit No. 15152-1, 2016 - PG&E) FS Date: 8/11/2016					

Photo 1 of 2 : UCIP_SP_2017_49933_75853.jpg



View of WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.33	Rating **	U	Issue No.	48 (cont)	
LM End	1.33	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.626218 °		38.626218 °
				-121.446318 °		-121.446318 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:49933 DS_ID:24443 EP_NO: 15152 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: 8/11/2016 Markers still missing. Will need to update depth below crown once construction is completed. (DWR UCIP - omagana)12/20/2013 Unable to confirm if crossing is the same one authorized through permit. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 4-inch steel gas main through the levee, 2.5 feet below the crown. Vent is located on the waterside (WS) shoulder. (4-inch line installed under Permit No. 15152, 1989 - Pacific Gas and Electric Company [PG&E]; 4-inch will be raised above the 200-year water surface elevation within the levee crown under Permit No. 15152-1, 2016 - PG&E) FS Date: 8/11/2016						

Photo 2 of 2 : UCIP_SP_2017_49933_75854.jpg



No signs of crossing visible through levee or channel.

LM Start	1.39	Rating **	A/W	Issue No.	34
LM End	1.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.626601 °	38.626601 °
				-121.445016 °	-121.445016 °
DWR ID	DWR_NA0001_07_s_2012_34				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
The erosion of the levee slope from the footpath appears to be stable at this time and should be monitored.					

Photo 1 of 1 : SP_2017_NA0001_58_34_20170313_00026.jpg



View of the landside levee slope damaged by foot traffic.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.50	Rating **	M	Issue No.	8
LM End	1.50	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627526 °	38.627526 °
				-121.443310 °	-121.443310 °
DWR ID	DWR_NA0001_07_s_2013_8				
Comment Code					
FE : Fence					
Inspector Comment					
Vegetation growing on fence, blocking visibility.					

Photo 1 of 1 : SP_2017_NA0001_58_8_20170327_00046.jpg



View of the fence obstruction visibility and access at the landside levee toe. Spring 2017.

LM Start	1.52	Rating **	U	Issue No.	37
LM End	1.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627655 °	38.627655 °
				-121.442974 °	-121.442974 °
DWR ID	DWR_NA0001_07_s_2016_37				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_58_37_20170313_00027.jpg



View of the fence at the landside levee toe.

LM Start	1.53	Rating **	U	Issue No.	43
LM End	1.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627675 °	38.627718 °
				-121.442874 °	-121.442631 °
DWR ID	DWR_NA0001_07_s_2014_43				
Comment Code					
FE : Fence					
Inspector Comment					
New fence constructed on the property line with 18 inch CMU block base.					

Photo 1 of 1 : SP_2017_NA0001_58_43_20170313_00031.jpg



View of a fence at the landside levee toe obstructing visibility and access.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.55	Rating **	U	Issue No.	30
LM End	1.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627743 °	38.627743 °
				-121.442526 °	-121.442526 °
DWR ID	DWR_NA0001_07_s_2012_30				
Comment Code					
BU : Building					
Inspector Comment					
Large side building is within 10-ft of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_58_30_20170313_00025.jpg



View of the building at the landside levee toe.

LM Start	1.56	Rating **	M	Issue No.	39
LM End	1.56	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627764 °	38.627764 °
				-121.442317 °	-121.442317 °
DWR ID	DWR_NA0001_07_s_2017_39				
Comment Code					
RW : Retaining Wall					
Inspector Comment					
4' retaining wall on levee toe.					

Photo 1 of 1 : SP_2017_NA0001_58_39_20170327_00047.jpg



View of the retaining wall into the levee prism.

LM Start	1.57	Rating **	U	Issue No.	3
LM End	1.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627768 °	38.627768 °
				-121.442185 °	-121.442185 °
DWR ID	DWR_NA0001_07_s_2012_3				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_58_3_20170313_00002.jpg



Wooden privacy fence is constructed at the landside levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.58	Rating **	U	Issue No.	4
LM End	1.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627707 °	38.627707 °
				-121.441965 °	-121.441965 °
DWR ID	DWR_NA0001_07_s _ 2012_4				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_58_4_20170313_00003.jpg



11/17/2011 Wooden privacy fence is constructed at the toe.

LM Start	1.59	Rating **	C	Issue No.	42
LM End	1.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.627760 °	38.627760 °
				-121.441667 °	-121.441667 °
DWR ID	DWR_NA0001_07_s _ 2017_42				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
The LMA repaired the levee slope damage from vehicle tracks.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.60	Rating **	M	Issue No.	49
LM End	1.60	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627760 °	38.627760 °
				-121.441593 °	-121.441593 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46795 DS_ID:24835 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/12/15 Markers have been installed on both levees--confirmed during 2015 DWR Fall Inspection. Need to coordinate with PG&E to determine permit for this crossing.12/19/13 Gas line - no markers visible. No permit available. FIELD_STRUCT_DESC: 2 of 2: 6-inch pipe through the levee and under the channel at an unknown depth. FS Date: 12/20/2013					

Photo 1 of 3 : UCIP_SP_2017_46795_74733.jpg



Markers installed through both levees in 2015.

LM Start	1.60	Rating **	M	Issue No.	49 (cont)
LM End	1.60	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_46795_57525.jpg



Underground service alert (USA) markings visible on floodwall.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.60	Rating **	M	Issue No.	49 (cont)
LM End	1.60	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627760 °	38.627760 °
				-121.441593 °	-121.441593 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46795					
DS_ID:24835					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: 11/12/15 Markers have been installed on both levees--confirmed during 2015 DWR Fall Inspection. Need to coordinate with PG&E to determine permit for this crossing.12/19/13					
Gas line - no markers visible. No permit available.					
FIELD_STRUCT_DESC: 2 of 2: 6-inch pipe through the levee and under the channel at an unknown depth.					
FS Date: 12/20/2013					

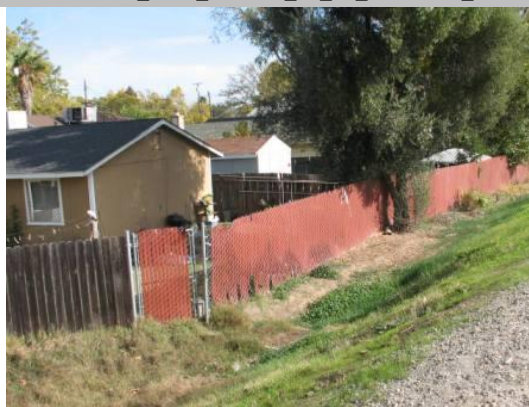
Photo 3 of 3 : UCIP_SP_2017_46795_57524.jpg



6-inch gas line through levee at an unknown depth.

LM Start	1.61	Rating **	M	Issue No.	29
LM End	1.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627733 °	38.627733 °
				-121.441415 °	-121.441415 °
DWR ID	DWR_NA0001_07_s_2012_29				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_58_29_20170313_00024.jpg



11/17/2011 Privacy fence is constructed at the toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.63	Rating **	U	Issue No.	27
LM End	1.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627681 °	38.627681 °
				-121.441021 °	-121.441021 °
DWR ID	DWR_NA0001_07_s _ 2012_27				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence and overgrown trees are within 10-ft of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_58_27_20170313_00022.jpg



11/17/2011 Privacy fence is constructed at the toe.

LM Start	1.63	Rating **	M	Issue No.	28
LM End	1.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627668 °	38.627668 °
				-121.441018 °	-121.441018 °
DWR ID	DWR_NA0001_07_s _ 2012_28				
Comment Code					
FE : Fence					
Inspector Comment					
Privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_58_28_20170313_00023.jpg



11/17/2011 Privacy fence is constructed at the toe.

LM Start	1.64	Rating **	U	Issue No.	26
LM End	1.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627667 °	38.627667 °
				-121.440837 °	-121.440837 °
DWR ID	DWR_NA0001_07_s _ 2012_26				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_58_26_20170313_00021.jpg



View of the wooden fence at the landside levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.65	Rating **	U	Issue No.	25
LM End	1.65	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627677 °	38.627677 °
				-121.440629 °	-121.440629 °
DWR ID	DWR_NA0001_07_s_2012_25				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_58_25_20170313_00020.jpg



11/17/2011 Wooden privacy fence is constructed at the toe.

LM Start	1.66	Rating **	U	Issue No.	40
LM End	1.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627727 °	38.627727 °
				-121.440442 °	-121.440442 °
DWR ID	DWR_NA0001_07_s_2016_40				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_58_40_20170313_00029.jpg



View of the fence at the landside levee toe.

LM Start	1.67	Rating **	M	Issue No.	41
LM End	1.67	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627803 °	38.627803 °
				-121.440270 °	-121.440270 °
DWR ID	DWR_NA0001_07_s_2016_41				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_58_41_20170313_00030.jpg



View of the fence at the landside levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.68	Rating **	U	Issue No.	44
LM End	1.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627874 °	38.627874 °
				-121.440134 °	-121.440134 °
DWR ID	DWR_NA0001_07_s_2016_44				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_58_44_20170313_00032.jpg



View of the fence at the landside levee toe.

LM Start	1.69	Rating **	U	Issue No.	6
LM End	1.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627948 °	38.627948 °
				-121.439958 °	-121.439958 °
DWR ID	DWR_NA0001_07_s_2012_6				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence with vines are within 10-ft of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_58_6_20170313_00004.jpg



View of the wooden fence at the landside levee toe.

LM Start	1.69	Rating **	U	Issue No.	1
LM End	1.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627956 °	38.627956 °
				-121.439962 °	-121.439962 °
DWR ID	DWR_NA0001_07_s_2012_1				
Comment Code					
BU : Building					
Inspector Comment					
Construction of new structure is witin 15' of levee.					

Photo 1 of 1 : SP_2017_NA0001_58_1_20170313_00001.jpg



View of the shed at the landside levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.70	Rating **	U	Issue No.	7
LM End	1.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627935 °	38.627935 °
				-121.439758 °	-121.439758 °
DWR ID	DWR_NA0001_07_s_2012_7				
Comment Code					
BU : Building					
Inspector Comment					
Corner of building protrudes into levee slope. Wooden fence is built on the levee slope.					

Photo 1 of 1 : SP_2017_NA0001_58_7_20170313_00005.jpg



11/17/2011 Building is constructed at the toe.

LM Start	1.72	Rating **	M	Issue No.	24
LM End	1.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.628086 °	38.628086 °
				-121.439544 °	-121.439544 °
DWR ID	DWR_NA0001_07_s_2012_24				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Palm tree was trimmed up.					

Photo 1 of 1 : SP_2017_NA0001_58_24_20170313_00019.jpg



View of palm tree within 10-ft of the levee toe trimmed up from previous inspection.

LM Start	1.74	Rating **	U	Issue No.	23	
LM End	1.74	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.628221 °		38.628221 °
				-121.439138 °		-121.439138 °
DWR ID	DWR_NA0001_07_s_2012_23					
Comment Code						
FE : Fence						
Inspector Comment						
Wooden fence and cedar trees are within 10-ft of levee toe.						

Photo 1 of 1 : SP_2017_NA0001_58_23_20170313_00018.jpg



View of wooden privacy fence constructed at the toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.75	Rating **	U	Issue No.	9
LM End	1.75	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.628197 °	38.628197 °
				-121.438863 °	-121.438863 °
DWR ID	DWR_NA0001_07_s_2012_9				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_58_9_20170313_00007.jpg



11/17/2011 Wooden privacy fence is constructed at the toe.

LM Start	1.79	Rating **	U	Issue No.	10
LM End	1.79	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.628273 °	38.628273 °
				-121.438255 °	-121.438255 °
DWR ID	DWR_NA0001_07_s_2012_10				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Ivy and other landscape plantings have grown up chain link fence on the levee toe. Building is within 10-ft of the levee toe. Prunings are on the levee slope.					

Photo 1 of 1 : SP_2017_NA0001_58_10_20170313_00008.jpg



Landscaping has grown over the fence and obstructs visibility and access.

LM Start	1.80	Rating **	U	Issue No.	11
LM End	1.80	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.628297 °	38.628297 °
				-121.437995 °	-121.437995 °
DWR ID	DWR_NA0001_07_f_2012_11				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Dense ivy and landscaping planted on chain link fence on levee toe. Porch and awning are within 10-ft of the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_58_11_20170313_00009.jpg



11/17/2011 Overgrown vegetation obstructs visibility and access.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.81	Rating **	U	Issue No.	12
LM End	1.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.628307 °	38.628307 °
				-121.437842 °	-121.437842 °
DWR ID	DWR_NA0001_07_s _ 2012_12				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link privacy fence with barbed wire is within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_58_12_20170313_00010.jpg



11/17/2011 Barbed wire topped privacy fence is located at the toe.

LM Start	1.82	Rating **	U	Issue No.	13
LM End	1.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.628303 °	38.628303 °
				-121.437693 °	-121.437693 °
DWR ID	DWR_NA0001_07_s _ 2012_13				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link privacy fence is within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_58_13_20170313_00011.jpg



11/17/2011 Privacy fence is located at the toe.

LM Start	1.83	Rating **	U	Issue No.	14
LM End	1.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.628303 °	38.628303 °
				-121.437530 °	-121.437530 °
DWR ID	DWR_NA0001_07_s _ 2012_14				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link privacy fence is within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_58_14_20170313_00012.jpg



Fall 2009 photo of privacy fence within 10-ft of the levee toe obstructs visibility and access.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.84	Rating **	U	Issue No.	15
LM End	1.84	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.628295 °	38.628295 °
				-121.437282 °	-121.437282 °
DWR ID	DWR_NA0001_07_s_2012_15				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Dense ivy growing on chain link fence within 10-ft of levee toe.					

LM Start	1.84	Rating **	U	Issue No.	15 (cont)
LM End	1.84	Issue Type +	En	Location *	LS

Photo 1 of 2 : SP_2017_NA0001_58_15_20170313_00013.jpg



11/17/2011 Dense vegetation at the toe.

Photo 2 of 2 : SP_2017_NA0001_58_15_20170313_00014.jpg



Fall 2009 photo of dense ivy and fence obstruct visibility and access.

LM Start	1.86	Rating **	U	Issue No.	16
LM End	1.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.628262 °	38.628262 °
				-121.436985 °	-121.436985 °
DWR ID	DWR_NA0001_07_s_2012_16				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Dense ivy and trees along chain link fence on levee toe. Large building is within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_58_16_20170313_00015.jpg



11/17/2011 Vegetation and building obstruct visibility and access to the levee toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.93	03/15/2017 05/03/2017	Maksim Khashchuk

LM Start	1.87	Rating **	U	Issue No.	22
LM End	1.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.628318 °	38.628318 °
				-121.436794 °	-121.436794 °
DWR ID	DWR_NA0001_07_s _ 2012_22				
Comment Code					
BU : Building					
Inspector Comment					
Wooden shed and landscaping along chain link fence within 10-ft of levee toe.					

Photo 1 of 1 : SP_2017_NA0001_58_22_20170313_00017.jpg



11/17/2011 Building is too close to the levee toe and obstructs visibility and access.

LM Start	1.89	Rating **	U	Issue No.	21
LM End	1.89	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.628280 °	38.628280 °
				-121.436365 °	-121.436365 °
DWR ID	DWR_NA0001_07_s _ 2012_21				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Wooden side building and juniper trees along chain link fence are within 10-ft of landside toe.					

Photo 1 of 1 : SP_2017_NA0001_58_21_20170313_00016.jpg



11/17/2011 Building and landscaping are too close to the levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 08 Magpie Creek Diversion			Left	1.44
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/14/2017 - 3/14/2017			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Ross Kawamura ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	03/14/2017 03/14/2017	Maksim Khashchuk

LM Start	0.30	Rating **	A/W	Issue No.	5
LM End	0.49	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.668191 °	38.668116 °
				-121.442059 °	-121.438661 °
DWR ID	DWR_NA0001_08_s_2012_5				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					
Re-vegetation site on levee slope.					

No Photos

LM Start	0.30	Rating **	M	Issue No.	4
LM End	0.49	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.668191 °	38.668118 °
				-121.442059 °	-121.438659 °
DWR ID	DWR_NA0001_08_s_2012_4				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence near levee toe limits access.					

Photo 1 of 1 : SP_2017_NA0001_59_4_20170313_00003.jpg



View of the chainlink fence at landside levee toe facing downstream.

LM Start	0.33	Rating **	U	Issue No.	15
LM End	0.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.668135 °	38.668135 °
				-121.441563 °	-121.441563 °
DWR ID	DWR_NA0001_08_f_2013_15				
Comment Code					
BU : Building					
Inspector Comment					
Building within 10 feet of landside levee toe.					

Photo 1 of 1 : SP_2017_NA0001_59_15_20170313_00007.jpg



View of the building within 10 feet of landside levee toe, facing downstream.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	03/14/2017 03/14/2017	Maksim Khashchuk

LM Start	0.37	Rating **	U	Issue No.	22
LM End	0.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.668123 °	38.668118 °
				-121.440709 °	-121.440268 °
DWR ID	DWR_NA0001_08_s _ 2014_22				
Comment Code					
FE : Fence					
Inspector Comment					
New fence appears to be constructed at the property line. Fence limits visibility of the landside.					

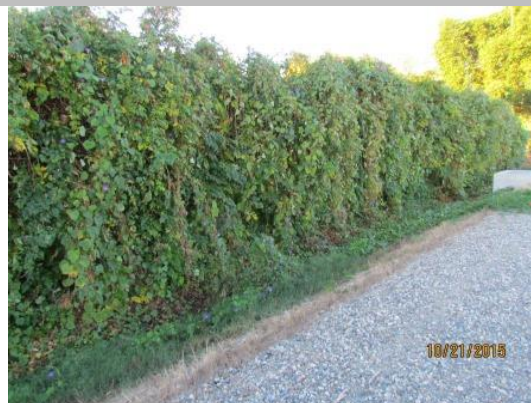
Photo 1 of 1 : SP_2017_NA0001_59_22_20170313_00009.jpg



View of the fence at the landside levee toe.

LM Start	0.40	Rating **	U	Issue No.	6
LM End	0.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.668147 °	38.668141 °
				-121.440248 °	-121.439755 °
DWR ID	DWR_NA0001_08_s _ 2012_6				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vines on fence limit visibility.					

Photo 1 of 1 : SP_2017_NA0001_59_6_20170313_00004.jpg



View of the vines on fence obstructing visibility of landside toe.

LM Start	0.51	Rating **	U	Issue No.	1
LM End	1.03	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.668132 °	38.665528 °
				-121.438229 °	-121.431688 °
DWR ID	DWR_NA0001_08_s _ 2012_1				
Comment Code					
MA : Material					
Inspector Comment					
This portion of the levee is inaccessible for maintenance.					

Photo 1 of 1 : SP_2017_NA0001_59_1_20170313_00001.jpg

View from downstream end of inaccessible portion of Magpie Creek.
Channel Maintenance only in this section

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	03/14/2017 03/14/2017	Maksim Khashchuk

LM Start	1.06	Rating **	M	Issue No.	11
LM End	1.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.665095 °	38.660805 °
				-121.431683 °	-121.429575 °
DWR ID	DWR_NA0001_08_s_2017_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_59_11_20170327_00015.jpg



View of the annual vegetation on the waterside levee slope.

LM Start	1.22	Rating **	M	Issue No.	20
LM End	1.22	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.662816 °	38.662816 °
				-121.431678 °	-121.431678 °
DWR ID	DWR_NA0001_08_s_2014_20				
Comment Code					
PO : Pole					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_59_20_20170313_00008.jpg



View of the pole on landside levee toe.

LM Start	1.22	Rating **	M	Issue No.	2
LM End	1.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.662715 °	38.661584 °
				-121.431666 °	-121.431402 °
DWR ID	DWR_NA0001_08_s_2012_2				
Comment Code					
FE : Fence					
Inspector Comment					
Barbed wire fence runs along the levee toe.					

Photo 1 of 1 : SP_2017_NA0001_59_2_20170313_00002.jpg



11/17/2011 Barbed wire fence at levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	03/14/2017 03/14/2017	Maksim Khashchuk

LM Start	1.28	Rating **	M	Issue No.	23
LM End	1.28	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.661843 °	38.661843 °
				-121.431675 °	-121.431675 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30689 DS_ID:24815 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm if conduit or gas line cross levee or flag identifying problem areas. Need additional information. FIELD_STRUCT_DESC: Underground service alert (USA) markers found on waterside (WS) and landside (LS) during field inspection. FS Date: 12/20/2013					

Photo 1 of 2 : UCIP_SP_2017_30689_56509.jpg



View of waterward side.

LM Start	1.28	Rating **	M	Issue No.	23 (cont)
LM End	1.28	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2017_30689_56508.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	03/14/2017 03/14/2017	Maksim Khashchuk

LM Start	1.30	Rating **	M	Issue No.	7
LM End	1.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.661593 °	38.661370 °
				-121.431420 °	-121.430943 °
DWR ID	DWR_NA0001_08_s_2012_7				
Comment Code					
FE : Fence					
Inspector Comment					
Cyclone fence with barbed wire within 10' of toe for part of its alignment.					

Photo 1 of 1 : SP_2017_NA0001_59_7_20170313_00005.jpg



11/17/2011 Chainlink fence at levee toe.

LM Start	1.39	Rating **	M	Issue No.	8
LM End	1.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.660968 °	38.660828 °
				-121.430023 °	-121.429428 °
DWR ID	DWR_NA0001_08_s_2013_8				
Comment Code					
FE : Fence					
Inspector Comment					
Cyclone fence alignment returns to within 10' of toe.					

Photo 1 of 1 : SP_2017_NA0001_59_8_20170313_00006.jpg



11/17/2011 Chainlink fence alignment returns to the levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	03/14/2017 03/14/2017	Maksim Khashchuk

LM Start	1.40	Rating **	M	Issue No.	24
LM End	1.40	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.660913 °	38.660913 °
				-121.429900 °	-121.429900 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29329					
DS_ID:24384					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Non-functional crossing--need to coordinate with owner, DWR-Inspector, and CVFPB to determine how to properly abandon crossing.					
FIELD_STRUCT_DESC: *ABANDONED* 24-inch pipe through the levee, 8.0 feet below the crown. Two CM cutoff walls around pipe. Slide gate in 30-inch CM riser and flap gate at waterside (WS) end. Concrete "U" headwall and splash apron on WS end. Landside (LS) end cutoff and plugged, riser filled with dirt. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 72+10).					
FS Date: 12/20/2013					

Photo 1 of 3 : UCIP_SP_2017_29329_54333.jpg



View of riser with slide gate located on waterward side.

LM Start	1.40	Rating **	M	Issue No.	24 (cont)
LM End	1.40	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_29329_54332.jpg



Slide gate non-functional--riser filled with soil.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

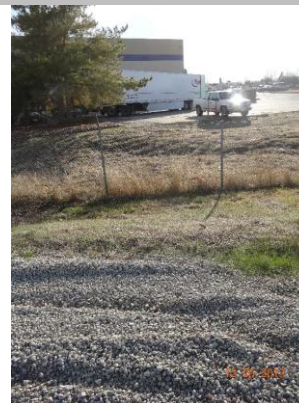
Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	03/14/2017 03/14/2017	Maksim Khashchuk

LM Start	1.40	Rating **	M	Issue No.	24 (cont)	
LM End	1.40	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.660913 °	38.660913 °	
				-121.429900 °	-121.429900 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:29329 DS_ID:24384 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Non-functional crossing--need to coordinate with owner, DWR-Inspector, and CVFPB to determine how to properly abandon crossing. FIELD_STRUCT_DESC: *ABANDONED* 24-inch pipe through the levee, 8.0 feet below the crown. Two CM cutoff walls around pipe. Slide gate in 30-inch CM riser and flap gate at waterside (WS) end. Concrete "U" headwall and splash apron on WS end. Landside (LS) end cutoff and plugged, riser filled with dirt. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 72+10). FS Date: 12/20/2013						

Photo 3 of 3 : UCIP_SP_2017_29329_54334.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 09 American River			Right	4.20
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/22/2017 - 5/3/2017			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Ross Kawamura ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	0.34	Rating **	N	Issue No.	30
LM End	0.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.567267 °	38.567267 °
				-121.389069 °	-121.389069 °
DWR ID	DWR_NA0001_09_s_2016_30				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_60_30_20170313_00010.jpg



View of the tree stump on the landside levee toe.

LM Start	0.40	Rating **	N	Issue No.	12
LM End	0.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.566725 °	38.566725 °
				-121.389935 °	-121.389935 °
DWR ID	DWR_NA0001_09_f_2013_12				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_60_12_20170313_00003.jpg



View of the tree stump at the landside levee toe.

LM Start	0.45	Rating **	N	Issue No.	14
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.566298 °	38.566298 °
				-121.390680 °	-121.390680 °
DWR ID	DWR_NA0001_09_s_2012_14				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Tree trunk at fence line.					

Photo 1 of 1 : SP_2017_NA0001_60_14_20170313_00004.jpg



Tree trunk at fence line.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	0.63	Rating **	N	Issue No.	29
LM End	0.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.565255 °	38.565255 °
				-121.393595 °	-121.393595 °
DWR ID	DWR_NA0001_09_s_2017_29				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_60_29_20170406_00046.jpg



View of the tree stump within the levee easement.

LM Start	1.29	Rating **	M	Issue No.	31
LM End	1.29	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.562285 °	38.562285 °
				-121.405265 °	-121.405265 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29347 DS_ID:24394 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: *ABANDONED* 12-inch steel pipe through the levee, 14.0 feet below the crown. Riser unit on waterside (WS). (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 296+85). Pipe abandonment was referenced in Permit No. 4622 (1964). FS Date: 12/5/2013					

Photo 1 of 2 : UCIP_SP_2017_29347_54363.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	1.29	Rating **	M	Issue No.	31 (cont)	
LM End	1.29	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.562285 °		38.562285 °
				-121.405265 °		-121.405265 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:29347 DS_ID:24394 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: *ABANDONED* 12-inch steel pipe through the levee, 14.0 feet below the crown. Riser unit on waterside (WS). (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 296+85). Pipe abandonment was referenced in Permit No. 4622 (1964). FS Date: 12/5/2013						

Photo 2 of 2 : UCIP_SP_2017_29347_54362.jpg



View of waterward side--tall riser located approximately 200 feet away.

LM Start	1.75	Rating **	M	Issue No.	25
LM End	2.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.560817 °	38.568139 °
				-121.413527 °	-121.421006 °
DWR ID	DWR_NA0001_09_s_2017_25				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	1.88	Rating **	A/W	Issue No.	28
LM End	1.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.561171 °	38.561171 °
				-121.415808 °	-121.415808 °
DWR ID	DWR_NA0001_09_s_2016_28				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_60_28_20170313_00009.jpg



View of the landside levee slope.

LM Start	1.93	Rating **	M	Issue No.	32
LM End	1.93	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.560889 °	38.560889 °
				-121.417196 °	-121.417196 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29351 DS_ID:24597 EP_NO: 17587 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if riser belongs to this crossing-- need to coordinate with owner to determine specifics. Description needs to be updated. FIELD_STRUCT_DESC: 54-inch water main through the levee at unknown depth. (Permit No. 17587-2003) FS Date: 12/5/2013					

Photo 1 of 3 : UCIP_SP_2017_29351_54369.jpg



Three risers located on waterward berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	1.93	Rating **	M	Issue No.	32 (cont)
LM End	1.93	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.560889 °	38.560889 °
				-121.417196 °	-121.417196 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29351					
DS_ID:24597					
EP_NO: 17587					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to confirm if riser belongs to this crossing--need to coordinate with owner to determine specifics. Description needs to be updated.					
FIELD_STRUCT_DESC: 54-inch water main through the levee at unknown depth. (Permit No. 17587-2003)					
FS Date: 12/5/2013					

Photo 2 of 3 : UCIP_SP_2017_29351_54368.jpg



View of waterward berm looking toward levee crown from waterward berm edge.

Photo 3 of 3 : UCIP_SP_2017_29351_54367.jpg



View of waterward edge--rip rap armor along toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	1.95	Rating **	M	Issue No.	33
LM End	1.95	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.561064 °	38.561064 °
				-121.417323 °	-121.417323 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30124					
DS_ID:24395					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: unable to confirm crossing--need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: 60-inch sewer main through the American River overflow area. Erosion protection and rock revetment on waterside (WS) slope added under Permit No. 14487 (1986).					
FS Date: 12/5/2013					

Photo 1 of 3 : UCIP_SP_2017_30124_55522.jpg



View of berm on waterward side.

Photo 2 of 3 : UCIP_SP_2017_30124_55521.jpg



Rip rap used along waterward toe.

LM Start	1.95	Rating **	M	Issue No.	33 (cont)
LM End	1.95	Issue Type +	En	Location *	LS

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	1.95	Rating **	M	Issue No.	33 (cont)
LM End	1.95	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.561064 °	38.561064 °
				-121.417323 °	-121.417323 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30124					
DS_ID:24395					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: unable to confirm crossing--need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: 60-inch sewer main through the American River overflow area. Erosion protection and rock revetment on waterside (WS) slope added under Permit No. 14487 (1986).					
FS Date: 12/5/2013					

Photo 3 of 3 : UCIP_SP_2017_30124_55520.jpg



Small handhole found need concrete cylinder.

LM Start	1.96	Rating **	M	Issue No.	34
LM End	1.96	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.561119 °	38.561119 °
				-121.417581 °	-121.417581 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46085 DS_ID:24649 EP_NO: 12188 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm crossing--need to contact owner to determine specifics and status of crossing. FIELD_STRUCT_DESC: 60-inch steel sewer main under the levee, approximately 21.6 feet below the crown. Two concrete cutoff walls around pipe under each shoulder. (Permit No. 12188-1979) Erosion protection and rock revetment on waterside (WS) slope added under Permit No. 14487 (1986). FS Date: 12/5/2013					

Photo 1 of 3 : UCIP_SP_2017_46085_54713.jpg



View of waterward berm.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	1.96	Rating **	M	Issue No.	34 (cont)
LM End	1.96	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.561119 °	38.561119 °
				-121.417581 °	-121.417581 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46085 DS_ID:24649 EP_NO: 12188 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm crossing--need to contact owner to determine specifics and status of crossing. FIELD_STRUCT_DESC: 60-inch steel sewer main under the levee, approximately 21.6 feet below the crown. Two concrete cutoff walls around pipe under each shoulder. (Permit No. 12188-1979) Erosion protection and rock revetment on waterside (WS) slope added under Permit No. 14487 (1986). FS Date: 12/5/2013					

Photo 2 of 3 : UCIP_SP_2017_46085_54712.jpg



View of waterward edge--rip rap used to armor toe.

LM Start	1.96	Rating **	M	Issue No.	34 (cont)
LM End	1.96	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_46085_54711.jpg



View of second concrete cylinder located on waterward berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	2.51	Rating **	M	Issue No.	35
LM End	2.51	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568767 °	38.568767 °
				-121.421178 °	-121.421178 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31309					
DS_ID:24515					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to confirm crossing. will need to contact owner to determine specifics and status of crossing.					
FIELD_STRUCT_DESC: 36-inch corrugated metal (CM) pipe through the levee. Riser unit on waterside (WS). (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 365+14).					
FS Date: 12/5/2013					

LM Start	2.51	Rating **	M	Issue No.	35 (cont)
LM End	2.51	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_31309_57338.jpg



View of waterward side.

Photo 2 of 3 : UCIP_SP_2017_31309_57337.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	2.51	Rating **	M	Issue No.	35 (cont)	
LM End	2.51	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.568767 °		38.568767 °
				-121.421178 °		-121.421178 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31309						
DS_ID:24515						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to confirm crossing. will need to contact owner to determine specifics and status of crossing.						
FIELD_STRUCT_DESC: 36-inch corrugated metal (CM) pipe through the levee. Riser unit on waterside (WS). (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 365+14).						
FS Date: 12/5/2013						

Photo 3 of 3 : UCIP_SP_2017_31309_57336.jpg



Landward side toe cleared.

LM Start	2.56	Rating **	U	Issue No.	23
LM End	2.56	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569380 °	38.569380 °
				-121.421325 °	-121.421325 °
DWR ID	DWR_NA0001_09_f_2016_23				
Comment Code					
MW : Monitoring Well					
Inspector Comment					
Monitoring well does not meet Title 23 standards. Well should be flush with the levee crown.					

Photo 1 of 1 : SP_2017_NA0001_60_23_20170313_00005.jpg



View of the monitoring well on the levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	2.66	Rating **	A/W	Issue No.	27
LM End	2.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.570882 °	38.570882 °
				-121.420927 °	-121.420927 °
DWR ID	DWR_NA0001_09_s_2016_27				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled the rodent holes. This area should be monitored for possible rodent activity.					

Photo 1 of 2 : SP_2017_NA0001_60_27_20170313_00008.jpg



View of the rodent holes on the landside levee slope.

LM Start	2.66	Rating **	A/W	Issue No.	27 (cont)
LM End	2.66	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_NA0001_60_27_20170406_00045.jpg



View of the rodent at the levee toe causing levee damage.

LM Start	2.70	Rating **	M	Issue No.	26
LM End	2.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.571431 °	38.571431 °
				-121.420737 °	-121.420737 °
DWR ID	DWR_NA0001_09_s_2016_26				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled the rodent holes. This area should be monitored for possible rodent activity.					

Photo 1 of 1 : SP_2017_NA0001_60_26_20170313_00007.jpg



View of the rodent holes in the landside levee slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	3.06	Rating **	U	Issue No.	2
LM End	3.19	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.576423 °	38.578248 °
				-121.419117 °	-121.418475 °
DWR ID	DWR_NA0001_09_s_2012_2				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_60_2_20170313_00002.jpg



View of the trimmed vegetation on the chain linked fence still obstructing visibility.

LM Start	3.19	Rating **	U	Issue No.	1
LM End	3.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.578258 °	38.579363 °
				-121.418475 °	-121.418100 °
DWR ID	DWR_NA0001_09_s_2012_1				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_60_1_20170313_00001.jpg



View of the fence at the landside levee toe.

LM Start	3.30	Rating **	M	Issue No.	24
LM End	3.30	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.579851 °	38.579851 °
				-121.417896 °	-121.417896 °
DWR ID	DWR_NA0001_09_f_2015_24				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vine on the LS fence blocking visibility.					

Photo 1 of 1 : SP_2017_NA0001_60_24_20170313_00006.jpg



View of the vines on the fence at the landside levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	3.32	Rating **	M	Issue No.	36
LM End	3.32	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580094 °	38.580094 °
				-121.417821 °	-121.417821 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30125 DS_ID:24412 EP_NO: 17671 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm if manhole is part of this crossing--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 1 of 2: 60-inch sewer main under the levee. Connects to 60-inch main on landside (LS). (Permit No. 17671-2003) FS Date: 12/5/2013					

Photo 1 of 3 : UCIP_SP_2017_30125_55526.jpg



View of waterward side.

LM Start	3.32	Rating **	M	Issue No.	36 (cont)
LM End	3.32	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_30125_55528.jpg



Underground service alert (USA) paint found on bike path on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	3.32	Rating **	M	Issue No.	36 (cont)
LM End	3.32	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580094 °	38.580094 °
				-121.417821 °	-121.417821 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30125 DS_ID:24412 EP_NO: 17671 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm if manhole is part of this crossing--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 1 of 2: 60-inch sewer main under the levee. Connects to 60-inch main on landside (LS). (Permit No. 17671-2003) FS Date: 12/5/2013					

Photo 3 of 3 : UCIP_SP_2017_30125_55529.jpg



Manhole visible on waterward toe.

LM Start	3.34	Rating **	M	Issue No.	37
LM End	3.34	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580347 °	38.580347 °
				-121.417734 °	-121.417734 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:29633 DS_ID:24404 EP_NO: 12188 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm if crossing is still active--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 60-inch concrete encased steel sewer line through the levee, 17.0 feet below the crown. Cutoff wall around pipe at the center of the levee. Rock revetment on waterside (WS) slope. Three pressure manholes in overflow area along pipe path. (Permit No. 12188-1979) FS Date: 12/5/2013					

Photo 1 of 3 : UCIP_SP_2017_29633_54791.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	3.34	Rating **	M	Issue No.	37 (cont)	
LM End	3.34	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.580347 °	38.580347 °	
				-121.417734 °	-121.417734 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:29633 DS_ID:24404 EP_NO: 12188 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to confirm if crossing is still active--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 60-inch concrete encased steel sewer line through the levee, 17.0 feet below the crown. Cutoff wall around pipe at the center of the levee. Rock revetment on waterside (WS) slope. Three pressure manholes in overflow area along pipe path. (Permit No. 12188-1979) FS Date: 12/5/2013						

LM Start	3.34	Rating **	M	Issue No.	37 (cont)
LM End	3.34	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_29633_54790.jpg



Underground service alert (USA) markings still present on levee crown.

Photo 3 of 3 : UCIP_SP_2017_29633_54789.jpg



Faded paint markings located on levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	3.34	Rating **	M	Issue No.	38
LM End	3.34	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580435 °	38.580435 °
				-121.417711 °	-121.417711 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41437 DS_ID:24566 EP_NO: 17671 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to confirm location with owner. FIELD_STRUCT_DESC: 2 of 2: 60-inch sewer main under the levee. Connects to 60-inch main on landside (LS). (Permit No. 17671-2003) FS Date: 12/5/2013					

Photo 1 of 3 : UCIP_SP_2017_41437_55532.jpg



Overview of landward side.

LM Start	3.34	Rating **	M	Issue No.	38 (cont)
LM End	3.34	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_41437_55531.jpg



Underground service alert (USA) markings found on levee crown for 60-inch pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	3.34	Rating **	M	Issue No.	38 (cont)	
LM End	3.34	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.580435 °	38.580435 °	
				-121.417711 °	-121.417711 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41437 DS_ID:24566 EP_NO: 17671 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to confirm location with owner. FIELD_STRUCT_DESC: 2 of 2: 60-inch sewer main under the levee. Connects to 60-inch main on landside (LS). (Permit No. 17671-2003) FS Date: 12/5/2013						

Photo 3 of 3 : UCIP_SP_2017_41437_55530.jpg



Marker visible on landward.

LM Start	3.42	Rating **	M	Issue No.	39
LM End	3.42	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581572 °	38.581572 °
				-121.417819 °	-121.417819 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30684 DS_ID:24816 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to determine if crossing goes through levee. Need to obtain additional information to confirm crossing. FIELD_STRUCT_DESC: Water fountain found on waterside (WS). FS Date: 12/5/2013					

Photo 1 of 2 : UCIP_SP_2017_30684_56473.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	3.42	Rating **	M	Issue No.	39 (cont)	
LM End	3.42	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.581572 °		38.581572 °
				-121.417819 °		-121.417819 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:30684 DS_ID:24816 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: unable to determine if crossing goes through levee. Need to obtain additional information to confirm crossing. FIELD_STRUCT_DESC: Water fountain found on waterside (WS). FS Date: 12/5/2013						

Photo 2 of 2 : UCIP_SP_2017_30684_56472.jpg



View of waterward side.

LM Start	3.68	Rating **	M	Issue No.	40
LM End	3.68	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584344 °	38.584344 °
				-121.420968 °	-121.420968 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31304 DS_ID:24817 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to confirm crossing size--need additional information about crossing. FIELD_STRUCT_DESC: 1 of 2: Crossing through levee at unknown depth. Concrete structure (7x15-foot) located on waterside (WS) shoulder with slide gate inside manhole. Square flap gate located on WS end. Concrete wings and apron at WS end of outlet channel. Concrete box located on the WS shoulder fenced off. FS Date: 12/5/2013					

Photo 1 of 3 : UCIP_SP_2017_31304_57325.jpg



Concrete box and electrical box located on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

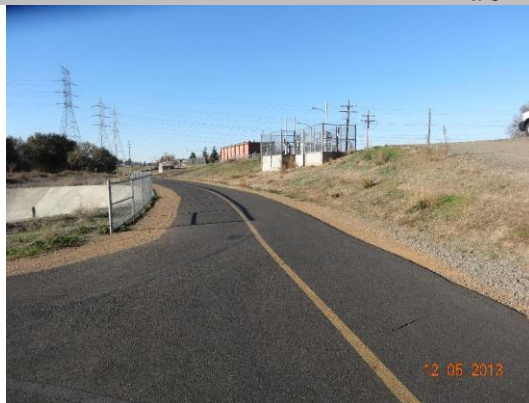
Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	3.68	Rating **	M	Issue No.	40 (cont)	
LM End	3.68	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.584344 °		38.584344 °
				-121.420968 °		-121.420968 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31304 DS_ID:24817 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to confirm crossing size--need additional information about crossing. FIELD_STRUCT_DESC: 1 of 2: Crossing through levee at unknown depth. Concrete structure (7x15-foot) located on waterside (WS) shoulder with slide gate inside manhole. Square flap gate located on WS end. Concrete wings and apron at WS end of outlet channel. Concrete box located on the WS shoulder fenced off. FS Date: 12/5/2013						

Photo 2 of 3 : UCIP_SP_2017_31304_57320.jpg



Bike path located on waterward side.

LM Start	3.68	Rating **	M	Issue No.	40 (cont)
LM End	3.68	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_31304_57324.jpg



Concrete wall and wing walls located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	3.69	Rating **	M	Issue No.	41
LM End	3.69	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584355 °	38.584355 °
				-121.420989 °	-121.420989 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31306 DS_ID:24818 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to confirm pipe size--need additional information about crossing. FIELD_STRUCT_DESC: 2 of 2: Crossing through levee at unknown depth. Concrete structure (7x15-foot) located on waterside (WS) shoulder with slide gate inside manhole. Square flap gate located on WS end. Concrete wings and apron at WS end of outlet channel. Concrete box located on the WS shoulder fenced off. No permit was found for this crossing. FS Date: 12/5/2013					

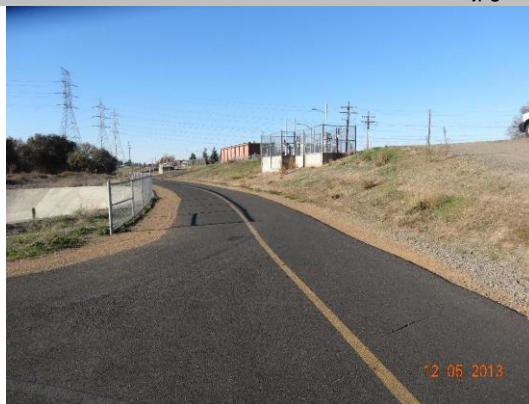
Photo 1 of 3 : UCIP_SP_2017_31306_57333.jpg



Concrete box and electrical boxes located on waterward shoulder.

LM Start	3.69	Rating **	M	Issue No.	41 (cont)
LM End	3.69	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_31306_57328.jpg



Bike path located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	03/22/2017 05/03/2017	Maksim Khashchuk

LM Start	3.69	Rating **	M	Issue No.	41 (cont)
LM End	3.69	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584355 °	38.584355 °
				-121.420989 °	-121.420989 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31306 DS_ID:24818 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to confirm pipe size--need additional information about crossing. FIELD_STRUCT_DESC: 2 of 2: Crossing through levee at unknown depth. Concrete structure (7x15-foot) located on waterside (WS) shoulder with slide gate inside manhole. Square flap gate located on WS end. Concrete wings and apron at WS end of outlet channel. Concrete box located on the WS shoulder fenced off. No permit was found for this crossing. FS Date: 12/5/2013					

Photo 3 of 3 : UCIP_SP_2017_31306_57332.jpg



Concrete headwall located on waterward toe.

LM Start	3.72	Rating **	M	Issue No.	42
LM End	3.72	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584710 °	38.584710 °
				-121.421496 °	-121.421496 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31307 DS_ID:24819 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to confirm is pipe crosses levee--no permit available. FIELD_STRUCT_DESC: Service box located on waterside (WS) and landside (LS). Unable to confirm crossing exists through levee. No permit found for this potential crossing. FS Date: 12/5/2013					

Photo 1 of 2 : UCIP_SP_2017_31307_57335.jpg



View of concrete service box located on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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American River Flood Control District

Concrete box located inside fenced area located on landward side.

View of the vegetation on the levee slope.

Page 22 of 22

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 10 American River			Right	3.90
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/23/2017 - 5/3/2017			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Ross Kawamura ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	0.00	Rating **	M	Issue No.	117
LM End	0.00	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.999999 °	38.999999 °
				-121.999999 °	-121.999999 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30571					
DS_ID:24470					
EP_NO: 3063					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments:					
FIELD_STRUCT_DESC: * DELETE (Duplicate Entry).					
FS Date: 12/4/2013					

No Photos

LM Start	0.00	Rating **	U	Issue No.	16
LM End	0.62	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.600917 °	38.592184 °
				-121.332100 °	-121.334347 °
DWR ID	DWR_NA0001_10_s_2012_16				
Comment Code					
UR : Urban					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_61_16_20170313_00002.jpg



Levee encroached on by property owners north of Arden Way. This section is not reasonably accessible.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	0.62	Rating **	M	Issue No.	118
LM End	0.62	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.592105°	38.592105°
				-121.334423°	-121.334423°
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31450					
DS_ID:24820					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to determine alignment of crossing, does it cross levee? Permit?					
FIELD_STRUCT_DESC: Protective posts located on landside (LS) for what appears to be for gas/petroleum line. Unable to confirm if line goes through levee or if line runs parallel. No permit found.					
FS Date: 12/4/2013					

Photo 1 of 2 : UCIP_SP_2017_31450_57501.jpg



View of protective posts located on landward side.

LM Start	0.62	Rating **	M	Issue No.	118 (cont)
LM End	0.62	Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP_SP_2017_31450_57500.jpg



No signs of crossing on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	0.72	Rating **	M	Issue No.	119
LM End	0.72	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.591003 °	38.591003 °
				-121.335459 °	-121.335459 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26281 DS_ID:24464 EP_NO: 12725 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if this crossing is the same under permit 12725. Drinking fountain and water flow prevention located on waterward side. Need to coordinate with American River Flood Control District. FIELD_STRUCT_DESC: 6-inch steel water pipe through the levee, 2.5 feet below the crown. Arcade Water District well at landside (LS) toe. (Permit No. 12725-1980) FS Date: 12/4/2013					

LM Start	0.72	Rating **	M	Issue No.	119 (cont)
LM End	0.72	Issue Type +	En	Location *	CR

Photo 1 of 3 : UCIP_SP_2017_26281_47492.jpg



View of waterward slope.

Photo 2 of 3 : UCIP_SP_2017_26281_47493.jpg



View of faucet located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	0.72	Rating **	M	Issue No.	119 (cont)
LM End	0.72	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.591003 °	38.591003 °
				-121.335459 °	-121.335459 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26281 DS_ID:24464 EP_NO: 12725 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if this crossing is the same under permit 12725. Drinking fountain and water flow prevention located on waterward side. Need to coordinate with American River Flood Control District. FIELD_STRUCT_DESC: 6-inch steel water pipe through the levee, 2.5 feet below the crown. Arcade Water District well at landside (LS) toe. (Permit No. 12725-1980) FS Date: 12/4/2013					

Photo 3 of 3 : UCIP_SP_2017_26281_47491.jpg



View of waterward side--faucet and water flow prevention system.

LM Start	0.94	Rating **	M	Issue No.	120
LM End	0.94	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587989 °	38.587989 °
				-121.336773 °	-121.336773 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41550 DS_ID:24413 EP_NO: 2806 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine status of crossing--Need to coordinate with utility owner. FIELD_STRUCT_DESC: 30-inch corrugated metal (CM) pipe through the levee, 15.0 feet below the crown. Cutoff wall around pipe under landside (LS) shoulder. Flap gate and slide gate in concrete pipe well on the waterside (WS) shoulder. Large drain canal cut across the WS berm. (Permit No. 2806-1958) FS Date: 12/4/2013					

Photo 1 of 3 : UCIP_SP_2017_41550_47496.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	0.94	Rating **	M	Issue No.	120 (cont)	
LM End	0.94	Issue Type +	En	Location *	CR	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.587989 °		38.587989 °
				-121.336773 °		-121.336773 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41550 DS_ID:24413 EP_NO: 2806 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine status of crossing--Need to coordinate with utility owner. FIELD_STRUCT_DESC: 30-inch corrugated metal (CM) pipe through the levee, 15.0 feet below the crown. Cutoff wall around pipe under landside (LS) shoulder. Flap gate and slide gate in concrete pipe well on the waterside (WS) shoulder. Large drain canal cut across the WS berm. (Permit No. 2806-1958) FS Date: 12/4/2013						

LM Start	0.94	Rating **	M	Issue No.	120 (cont)
LM End	0.94	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP_SP_2017_41550_47495.jpg



View of gate stem located on waterward shoulder.

Photo 3 of 3 : UCIP_SP_2017_41550_47499.jpg



View of waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	1.04	Rating **	M	Issue No.	121
LM End	1.04	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.586813 °	38.586813 °
				-121.337643 °	-121.337643 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31284 DS_ID:24821 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to determine reason for box and whether there is a utility that crosses levee. No permit found. FIELD_STRUCT_DESC: Service box located on waterside (WS). No permit found. FS Date: 12/4/2013					

Photo 1 of 3 : UCIP_SP_2017_31284_57285.jpg



Overview of levee crown at crossing.

LM Start	1.04	Rating **	M	Issue No.	121 (cont)
LM End	1.04	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP_SP_2017_31284_57286.jpg



Concrete vault located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	1.04	Rating **	M	Issue No.	121 (cont)
LM End	1.04	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.586813 °	38.586813 °
				-121.337643 °	-121.337643 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31284 DS_ID:24821 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to determine reason for box and whether there is a utility that crosses levee. No permit found. FIELD_STRUCT_DESC: Service box located on waterside (WS). No permit found. FS Date: 12/4/2013					

Photo 3 of 3 : UCIP_SP_2017_31284_57288.jpg



Close up of concrete box located on waterward side.

LM Start	1.28	Rating **	M	Issue No.	122
LM End	1.28	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583873 °	38.583873 °
				-121.340037 °	-121.340037 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41536					
DS_ID:24097					
EP_NO: 12276					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to find markers indicating crossing through levee.					
FIELD_STRUCT_DESC: Two 3-inch PVC electrical conduits through the levee, 3.0 feet below the crown. Northeast Sewage Treatment Plant on waterside (WS). Conduits extend from treatment plant to transformers located on WS. (Permit No. 12276-1980)					
FS Date: 12/4/2013					

Photo 1 of 3 : UCIP_SP_2017_41536_47550.jpg



Overview of levee looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	1.28	Rating **	M	Issue No.	122 (cont)
LM End	1.28	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583873 °	38.583873 °
				-121.340037 °	-121.340037 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41536 DS_ID:24097 EP_NO: 12276 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to find markers indicating crossing through levee. FIELD_STRUCT_DESC: Two 3-inch PVC electrical conduits through the levee, 3.0 feet below the crown. Northeast Sewage Treatment Plant on waterside (WS). Conduits extend from treatment plant to transformers located on WS. (Permit No. 12276-1980) FS Date: 12/4/2013					

Photo 2 of 3 : UCIP_SP_2017_41536_47549.jpg



View of transformers located on waterward side.

LM Start	1.28	Rating **	M	Issue No.	122 (cont)
LM End	1.28	Issue Type +	En	Location *	CR

Photo 3 of 3 : UCIP_SP_2017_41536_47551.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	1.28	Rating **	M	Issue No.	123
LM End	1.28	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583873 °	38.583873 °
				-121.340037 °	-121.340037 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26299					
DS_ID:24477					
EP_NO: 7993					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Unable to confirm if crossing buried is the same as this crossing. Need to contact owner to confirm utility description.					
FIELD_STRUCT_DESC: 6-inch plastic lined steel pipe through the levee at unknown depth. Steel cutoff wall around pipe at center of levee. (Permit No. 7993-1973)					
FS Date: 12/4/2013					

LM Start	1.28	Rating **	M	Issue No.	123 (cont)
LM End	1.28	Issue Type +	En	Location *	CR

Photo 1 of 3 : UCIP_SP_2017_26299_47575.jpg



Overview of levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2017_26299_47574.jpg



View of waterward side--Underground Alert System markers showing alignment.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	1.28	Rating **	M	Issue No.	123 (cont)
LM End	1.28	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583873 °	38.583873 °
				-121.340037 °	-121.340037 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26299 DS_ID:24477 EP_NO: 7993 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to confirm if crossing buried is the same as this crossing. Need to contact owner to confirm utility description. FIELD_STRUCT_DESC: 6-inch plastic lined steel pipe through the levee at unknown depth. Steel cutoff wall around pipe at center of levee. (Permit No. 7993-1973) FS Date: 12/4/2013					

Photo 3 of 3 : UCIP_SP_2017_26299_47573.jpg



Sign for unground cable with contact information.

LM Start	1.28	Rating **	M	Issue No.	124
LM End	1.28	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583771 °	38.583771 °
				-121.340135 °	-121.340135 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:49898 DS_ID:25448 EP_NO: 4777-A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1-1/2 inch PVC natural gas service line sleeved through existing 2-1/2 inch steel pipe through levee. (Permit No. 4777-A-1974, 4777-1964, Sacramento County Department of Public Works, Water Quality Division) Permit No. 4777 was issued for original 2-1/2 inch line and Permit No. 4777-A was issued for the 1-1/2 inch PVC liner. Contact: Sacramento Regional Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413. FS Date: 4/1/2016					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	1.28	Rating **	M	Issue No.	125
LM End	1.28	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583780 °	38.583780 °
				-121.340126 °	-121.340126 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:26296
DS_ID:24568
EP_NO: 3599B
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Need to determine status of structure-unable to determine if crossing is being used. Only indicator visible during inspection was the underground alert service markers and spray paint visible on the levee crown.
FIELD_STRUCT_DESC: 1 of 3: [River Walkway Station] 12-inch concrete encased pipe through the levee, 15.3 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landside (LS) toe-not found 2013. Sewage treatment plant on waterside (WS). Control valve in concrete box on the WS. (Permit No. 3599B-1964) Contact: Sacramento Regional Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413.
FS Date: 12/4/2013

LM Start	1.28	Rating **	M	Issue No.	125 (cont)
LM End	1.28	Issue Type +	En	Location *	CR

Photo 1 of 3 : UCIP_SP_2017_26296_47558.jpg



Overview of levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2017_26296_47559.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	1.28	Rating **	M	Issue No.	125 (cont)
LM End	1.28	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583780 °	38.583780 °
				-121.340126 °	-121.340126 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26296 DS_ID:24568 EP_NO: 3599B Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine status of structure-unable to determine if crossing is being used. Only indicator visible during inspection was the underground alert service markers and spray paint visible on the levee crown. FIELD_STRUCT_DESC: 1 of 3: [River Walkway Station] 12-inch concrete encased pipe through the levee, 15.3 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landside (LS) toe-not found 2013. Sewage treatment plant on waterside (WS). Control valve in concrete box on the WS. (Permit No. 3599B-1964) Contact: Sacramento Reginal Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413. FS Date: 12/4/2013					

Photo 3 of 3 : UCIP_SP_2017_26296_47560.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	1.29	Rating **	M	Issue No.	126
LM End	1.29	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583750 °	38.583750 °
				-121.340143 °	-121.340143 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26298 DS_ID:24567 EP_NO: 3599A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine status of structure. Need to coordinate with owner to determine maintenance records to confirm integrity. FIELD_STRUCT_DESC: 2 of 3: [River Walkway Station] 36-inch concrete encased pipe through the levee, 6.9 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landside (LS) toe. Sewage treatment plant on waterside (WS). Control valve in concrete box on the WS. (Permit No. 3599A-1964) Contact: Sacramento Regional Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413. FS Date: 12/4/2013					

Photo 1 of 3 : UCIP_SP_2017_26298_47569.jpg



Overview of levee crown.

LM Start	1.29	Rating **	M	Issue No.	126 (cont)
LM End	1.29	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP_SP_2017_26298_47571.jpg



USA markers indicate alignment through levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	1.29	Rating **	M	Issue No.	126 (cont)	
LM End	1.29	Issue Type +	En	Location *	CR	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.583750 °		38.583750 °
				-121.340143 °		-121.340143 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:26298						
DS_ID:24567						
EP_NO: 3599A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to determine status of structure. Need to coordinate with owner to determine maintenance records to confirm integrity.						
FIELD_STRUCT_DESC: 2 of 3: [River Walkway Station] 36-inch concrete encased pipe through the levee, 6.9 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landside (LS) toe. Sewage treatment plant on waterside (WS). Control valve in concrete box on the WS. (Permit No. 3599A-1964) Contact: Sacramento Regional Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413.						
FS Date: 12/4/2013						

Photo 3 of 3 : UCIP_SP_2017_26298_47568.jpg



Overview of levee crown with grout holes visible at the crown along pipe alignment.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	1.29	Rating **	M	Issue No.	127
LM End	1.29	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583738 °	38.583738 °
				-121.340161 °	-121.340161 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26426 DS_ID:24098 EP_NO: 3599 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine status of structure--unable to determine if crossing is still being used. Underground service alert (USA) flag indicates 60 inch pipe through levee. Need to clarify. FIELD_STRUCT_DESC: 3 of 3: [River Walkway Station] 54-inch concrete encased pipe through the levee, 8.5 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landside (LS) toe. Sewage treatment plant on waterside (WS). Control valve in concrete box on the WS. (Permit No. 3599-1964) Contact: Sacramento Reginal Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413. FS Date: 12/4/2013					

Photo 1 of 3 : UCIP_SP_2017_26426_47982.jpg



Overview of levee crown looking downstream.

LM Start	1.29	Rating **	M	Issue No.	127 (cont)
LM End	1.29	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP_SP_2017_26426_47980.jpg



View of Underground Service Alert (USA) markers and flags confirming buried sewer lines.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	1.29	Rating **	M	Issue No.	127 (cont)
LM End	1.29	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583738 °	38.583738 °
				-121.340161 °	-121.340161 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:26426 DS_ID:24098 EP_NO: 3599 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine status of structure--unable to determine if crossing is still being used. Underground service alert (USA) flag indicates 60 inch pipe through levee. Need to clarify. FIELD_STRUCT_DESC: 3 of 3: [River Walkway Station] 54-inch concrete encased pipe through the levee, 8.5 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landside (LS) toe. Sewage treatment plant on waterside (WS). Control valve in concrete box on the WS. (Permit No. 3599-1964) Contact: Sacramento Reginal Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413. FS Date: 12/4/2013					

Photo 3 of 3 : UCIP_SP_2017_26426_47984.jpg



USA marker indicates 60 inch line through levee.

LM Start	1.29	Rating **	M	Issue No.	128
LM End	1.29	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583728 °	38.583728 °
				-121.340178 °	-121.340178 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:50053 DS_ID:25449 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 3-inch diameter plastic vynal conduit chlorine line sleeved through steel pipe through the right bank of the levee 2 feet below crown. (Permit No. 4535-1964, Northeast Sacramento County Sanitation District) Contact: Sacramento Reginal Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413. FS Date: 4/1/2016					

Photo 1 of 3 : UCIP_SP_2017_50053_75902.jpg



WS View - underground service alert (USA) markings indicating pipe alignment.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	1.29	Rating **	M	Issue No.	128 (cont)	
LM End	1.29	Issue Type +	En	Location *	CR	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.583728 °	38.583728 °	
				-121.340178 °	-121.340178 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50053						
DS_ID:25449						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 3-inch diameter plastic vynal conduit chlorine line sleeved through steel pipe through the right bank of the levee 2 feet below crown. (Permit No. 4535-1964, Northeast Sacramento County Sanitation District) Contact: Sacramento Reginal Office 875-9400; Oscar Starks (Supervisor) 916-204-5143; Troy Shurock 916-599-2413.						
FS Date: 4/1/2016						

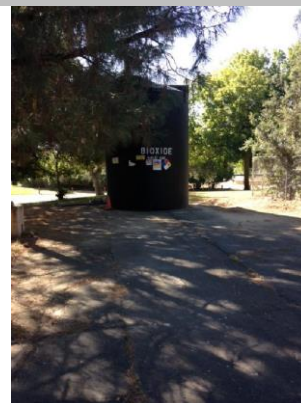
Photo 2 of 3 : UCIP_SP_2017_50053_75903.jpg



USA markings indicate 2.5-inch steel line.

LM Start	1.29	Rating **	M	Issue No.	128 (cont)
LM End	1.29	Issue Type +	En	Location *	CR

Photo 3 of 3 : UCIP_SP_2017_50053_75904.jpg



Storage tank located on WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	1.53	Rating **	M	Issue No.	129
LM End	1.53	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581594 °	38.581594 °
				-121.343622 °	-121.343622 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41548 DS_ID:24419 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to find out the status of crossing--unable to determine if crossing is being used. FIELD_STRUCT_DESC: 24-inch pipe through the levee, 7.0 feet below the crown. Concrete inspection box at waterside (WS) toe. FS Date: 12/4/2013					

Photo 1 of 3 : UCIP_SP_2017_41548_54880.jpg



Structure located on landward side.

LM Start	1.53	Rating **	M	Issue No.	129 (cont)
LM End	1.53	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP_SP_2017_41548_54881.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	1.53	Rating **	M	Issue No.	129 (cont)
LM End	1.53	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581594 °	38.581594 °
				-121.343622 °	-121.343622 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41548 DS_ID:24419 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to find out the status of crossing--unable to determine if crossing is being used. FIELD_STRUCT_DESC: 24-inch pipe through the levee, 7.0 feet below the crown. Concrete inspection box at waterside (WS) toe. FS Date: 12/4/2013					

Photo 3 of 3 : UCIP_SP_2017_41548_54883.jpg



Concrete box located on waterward side near paved trail.

LM Start	1.53	Rating **	M	Issue No.	130
LM End	1.53	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581588 °	38.581588 °
				-121.343631 °	-121.343631 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41546 DS_ID:24101 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine the status of crossing--unable to determine if crossing is still active. FIELD_STRUCT_DESC: 8-inch pipe through the levee. Concrete inspection box on the landside (LS) slope. FS Date: 12/4/2013					

Photo 1 of 3 : UCIP_SP_2017_41546_57290.jpg



Structure located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	1.53	Rating **	M	Issue No.	130 (cont)
LM End	1.53	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581588 °	38.581588 °
				-121.343631 °	-121.343631 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41546 DS_ID:24101 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine the status of crossing--unable to determine if crossing is still active. FIELD_STRUCT_DESC: 8-inch pipe through the levee. Concrete inspection box on the landside (LS) slope. FS Date: 12/4/2013					

Photo 2 of 3 : UCIP_SP_2017_41546_57289.jpg



View of landward side--chlorine line adjacent to 8-inch pipe.

LM Start	1.53	Rating **	M	Issue No.	130 (cont)
LM End	1.53	Issue Type +	En	Location *	CR

Photo 3 of 3 : UCIP_SP_2017_41546_57291.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	1.61	Rating **	M	Issue No.	131
LM End	1.61	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580991 °	38.580991 °
				-121.344917 °	-121.344917 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30575					
DS_ID:24822					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: 2nd marker visible on landward side at levee mile 1.63 (38.581564 -121.343806).					
FIELD_STRUCT_DESC: Marker indicating water line located on landside (LS) toe. Unable to determine if line runs parallel to levee or if line crosses levee. Unable to find permit for work.					
FS Date: 12/4/2013					

Photo 1 of 2 : UCIP_SP_2017_30575_56338.jpg



Waterline marker at levee mile 1.63.

LM Start	1.61	Rating **	M	Issue No.	131 (cont)
LM End	1.61	Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP_SP_2017_30575_56337.jpg



Waterline marker at levee mile 1.7.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	2.41	Rating **	A/W	Issue No.	7
LM End	2.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.575126 °	38.575126 °
				-121.357575 °	-121.357575 °
DWR ID	DWR_NA0001_10_f_2013_7				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_61_7_20170313_00001.jpg



View of the pathway on the landside levee slope.

LM Start	3.49	Rating **	A/W	Issue No.	21
LM End	3.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.569484 °	38.569484 °
				-121.375841 °	-121.375841 °
DWR ID	DWR_NA0001_10_f_2015_21				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_61_21_20170313_00003.jpg



View of the footpath on the landside levee slope.

LM Start	3.56	Rating **	N	Issue No.	29	
LM End	3.56	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.569242 °		38.569242 °
				-121.377169 °		-121.377169 °
DWR ID	DWR_NA0001_10_s_2017_29					
Comment Code						
T5 : Tree stumps.						
Inspector Comment						
Three tree stumps within ten feet of levee toe.						

Photo 1 of 1 : SP_2017_NA0001_61_29_20170406_00047.jpg



View of the tree stump within the levee easement.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	3.74	Rating **	M	Issue No.	116
LM End	3.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.568526 °	38.568526 °
				-121.380331 °	-121.380331 °
DWR ID	DWR_NA0001_10_s_2012_116				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Foot traffic is eroding the landside slope.					

Photo 1 of 1 : SP_2017_NA0001_61_116_20170406_00046.jpg



View of the erosion on the landside levee slope caused by pedestrian foot traffic.

LM Start	3.76	Rating **	M	Issue No.	27
LM End	3.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568413 °	38.568413 °
				-121.380711 °	-121.380711 °
DWR ID	DWR_NA0001_10_f_2016_27				
Comment Code					
LI : Landscape Irrigation					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_61_27_20170313_00006.jpg



View of the landscaping irrigation at the landside levee toe.

LM Start	3.77	Rating **	N	Issue No.	28
LM End	3.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.568375 °	38.568375 °
				-121.380889 °	-121.380889 °
DWR ID	DWR_NA0001_10_s_2017_28				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_61_28_20170406_00045.jpg



View of the tree stump at the levee toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	03/23/2017 05/03/2017	Maksim Khashchuk

LM Start	3.81	Rating **	N	Issue No.	26
LM End	3.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.568190 °	38.568190 °
				-121.381510 °	-121.381510 °
DWR ID	DWR_NA0001_10_s_2016_26				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_61_26_20170313_00005.jpg



View of the tree stump at the landside levee toe.

LM Start	3.83	Rating **	N	Issue No.	23
LM End	3.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.568111 °	38.568111 °
				-121.381896 °	-121.381896 °
DWR ID	DWR_NA0001_10_s_2015_23				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_61_23_20170313_00004.jpg



View of the tree stump at the landside levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 11 New Linda Creek			Left	0.73
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/14/2017 - 5/3/2017			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Ross Kawamura ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	03/14/2017 05/03/2017	Maksim Khashchuk

LM Start	0.01	Rating **	A	Issue No.	5
LM End	0.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.662551 °	38.667877 °
				-121.457606 °	-121.449877 °
DWR ID	DWR_NA0001_11_s_2017_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_436_5_20170327_00009.jpg



View of the acceptable vegetation on the landside levee slope.

LM Start	0.08	Rating **	M	Issue No.	6
LM End	0.08	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.662976 °	38.662976 °
				-121.456464 °	-121.456464 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31310 DS_ID:24823 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: no permit found--owner? (unauthorized?) FIELD_STRUCT_DESC: 24-inch pipe through the levee at unknown depth. Concrete box located on waterside (WS) shoulder. Concrete wall located on waterside (WS) and landside (LS). Siphon breaker inside concrete service box located on WS shoulder. No permit found. FS Date: 12/20/2013					

Photo 1 of 3 : UCIP_SP_2017_31310_57345.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	03/14/2017 05/03/2017	Maksim Khashchuk

LM Start	0.08	Rating **	M	Issue No.	6 (cont)	
LM End	0.08	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.662976 °	38.662976 °	
				-121.456464 °	-121.456464 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31310						
DS_ID:24823						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: no permit found--owner? (unauthorized?)						
FIELD_STRUCT_DESC: 24-inch pipe through the levee at unknown depth. Concrete box located on waterside (WS) shoulder. Concrete wall located on waterside (WS) and landside (LS). Siphon breaker inside concrete service box located on WS shoulder. No permit found.						
FS Date: 12/20/2013						

Photo 2 of 3 : UCIP_SP_2017_31310_57342.jpg



View of levee crown at crossing.

LM Start	0.08	Rating **	M	Issue No.	6 (cont)
LM End	0.08	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_31310_57343.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	03/14/2017 05/03/2017	Maksim Khashchuk

LM Start	0.48	Rating **	M	Issue No.	7
LM End	0.48	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.666585 °	38.666585 °
				-121.451009 °	-121.451009 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31311 DS_ID:24824 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: owner? permit? (unauthorized?) FIELD_STRUCT_DESC: 6 inch conduit through levee at unknown depth. Conduit extends across the channel, attached to bridge. FS Date: 12/20/2013					

Photo 1 of 1 : UCIP_SP_2017_31311_57346.jpg



Crossing visible on waterward side.

LM Start	0.49	Rating **	M	Issue No.	8
LM End	0.49	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.666745 °	38.666745 °
				-121.450918 °	-121.450918 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31312 DS_ID:24825 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: owner? permit? (unauthorized?) FIELD_STRUCT_DESC: 4 inch conduit through levee at unknown depth. Conduit extends across the channel, attached to bridge. FS Date: 12/20/2013					

Photo 1 of 1 : UCIP_SP_2017_31312_57347.jpg



Conduit attached to the upstream face of Rio Linda Blvd Bridge.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	03/14/2017 05/03/2017	Maksim Khashchuk

LM Start	0.52	Rating **	M	Issue No.	9
LM End	0.52	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.667108 °	38.667108 °	
			-121.450827 °	-121.450827 °	
DWR ID					

Comment Code

Inspector Comment

FS_ID:31313
DS_ID:24826
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: owner? permit? (unauthorized?)
FIELD_STRUCT_DESC: 24-inch (estimate only field verify) storm drain pipe through levee at an unknown depth. Concrete headwalls with debris screens located on waterside (WS) and landside (LS). Concrete box with protective posts located on WS shoulder. No permit found.
FS Date: 12/20/2013

LM Start	0.52	Rating **	M	Issue No.	9 (cont)
LM End	0.52	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_31313_57349.jpg



View of levee crown at crossing.

Photo 2 of 3 : UCIP_SP_2017_31313_57348.jpg



Concrete vault with protective posts located on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	03/14/2017 05/03/2017	Maksim Khashchuk

LM Start	0.52	Rating **	M	Issue No.	9 (cont)	
LM End	0.52	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.667108 °	38.667108 °	
				-121.450827 °	-121.450827 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:31313						
DS_ID:24826						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: owner? permit? (unauthorized?)						
FIELD_STRUCT_DESC: 24-inch (estimate only field verify) storm drain pipe through levee at an unknow depth. Concrete headwalls with debris screens located on waterside (WS) and landside (LS). Concrete box with protective posts located on WS shoulder. No permit found.						
FS Date: 12/20/2013						

Photo 3 of 3 : UCIP_SP_2017_31313_57351.jpg



Concrete headwall located on waterward side--depression found on wall edge.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 12 American River			Left	0.84
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/16/2017 - 5/4/2017			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Ross Kawamura ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	03/16/2017 05/04/2017	Maksim Khashchuk

LM Start	0.08	Rating **	M	Issue No.	2
LM End	0.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.571036 °	38.571036 °
				-121.353441 °	-121.353441 °
DWR ID	DWR_NA0001_12_s_2014_2				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_438_2_20170313_00002.jpg



View of the landscaping at the landside levee toe.

LM Start	0.20	Rating **	M	Issue No.	1
LM End	0.20	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.572016 °	38.572016 °
				-121.351633 °	-121.351633 °
DWR ID	DWR_NA0001_12_f_2014_1				
Comment Code					
ST : Stairway					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_438_1_20170313_00001.jpg



View of the stairs on the landside levee slope.

LM Start	0.22	Rating **	A/W	Issue No.	8
LM End	0.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.572265 °	38.572265 °
				-121.351267 °	-121.351267 °
DWR ID	DWR_NA0001_12_s_2017_8				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_438_8_20170406_00014.jpg



View of the footpath on the levee slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	03/16/2017 05/04/2017	Maksim Khashchuk

LM Start	0.56	Rating **	A/W	Issue No.	4
LM End	0.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.575370 °	38.575370 °
				-121.346583 °	-121.346583 °
DWR ID	DWR_NA0001_12_f_2015_4				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_438_4_20170313_00004.jpg



View of the footpath on the landside levee slope.

LM Start	0.72	Rating **	M	Issue No.	9
LM End	0.72	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.576589 °	38.576589 °
				-121.344058 °	-121.344058 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46995					
DS_ID:24830					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to confirm pipe size--need to contact owner to obtain additional information on crossing.					
FIELD_STRUCT_DESC: [SRCSD Facility N16 NE Siphon Outlet] 1 of 3: 48-inch reinforced concrete (RC) drainpipe through the levee at 11.0 feet below crown. Pipe crosses levee at an angle. Sacramento Regional County Sanitation District (SRCSD) Facility N16 NE Siphon Outlet located on landside (LS). Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. (Permit No. 12144-1978, SRCSD and 12144-A-1983, SRCSD for cathodic protection)					
FS Date: 2/25/2014					

Photo 1 of 3 : UCIP_SP_2017_46995_56234.jpg



Concrete vault located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	03/16/2017 05/04/2017	Maksim Khashchuk

LM Start	0.72	Rating **	M	Issue No.	9 (cont)	
LM End	0.72	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.576589 °		38.576589 °
				-121.344058 °		-121.344058 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:46995 DS_ID:24830 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm pipe size--need to contact owner to obtain additional information on crossing. FIELD_STRUCT_DESC: [SRCSD Facility N16 NE Siphon Outlet] 1 of 3: 48-inch reinforced concrete (RC) drainpipe through the levee at 11.0 feet below crown. Pipe crosses levee at an angle. Sacramento Regional County Sanitation District (SRCSD) Facility N16 NE Siphon Outlet located on landside (LS). Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. (Permit No. 12144-1978, SRCSD and 12144-A-1983, SRCSD for cathodic protection) FS Date: 2/25/2014						

LM Start	0.72	Rating **	M	Issue No.	9 (cont)
LM End	0.72	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_46995_56235.jpg



SRCSD Facility N16, NE Siphon Outlet, sign visible from Mira Del Rio Drive.

Photo 3 of 3 : UCIP_SP_2017_46995_56233.jpg



Manholes located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	03/16/2017 05/04/2017	Maksim Khashchuk

LM Start	0.72	Rating **	M	Issue No.	10
LM End	0.72	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.576596 °	38.576596 °
				-121.344029 °	-121.344029 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30540 DS_ID:24829 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm pipe size--need to contact owner to obtain additional information on crossing. FIELD_STRUCT_DESC: [SRCSD Facility N16 NE Siphon Outlet] 2 of 3: 48-inch reinforced concrete (RC) drainpipe through the levee at 11.0 feet below crown. Pipe crosses levee at an angle. Sacramento Regional County Sanitation District (SRCSD) Facility N16 NE Siphon Outlet located on landside (LS). Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. (Permit No. 12144-1978, SRCSD and 12144-A-1983, SRCSD for cathodic protection) FS Date: 2/25/2014					

LM Start	0.72	Rating **	M	Issue No.	10 (cont)
LM End	0.72	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_30540_56232.jpg



SRCSD Facility N16, NE Siphon Outlet, sign visible from Mira Del Rio Drive.

Photo 2 of 3 : UCIP_SP_2017_30540_56230.jpg



Manholes visible on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	03/16/2017 05/04/2017	Maksim Khashchuk

LM Start	0.72	Rating **	M	Issue No.	10 (cont)	
LM End	0.72	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.576596 °		38.576596 °
				-121.344029 °		-121.344029 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:30540						
DS_ID:24829						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to confirm pipe size--need to contact owner to obtain additional information on crossing.						
FIELD_STRUCT_DESC: [SRCSD Facility N16 NE Siphon Outlet] 2 of 3: 48-inch reinforced concrete (RC) drainpipe through the levee at 11.0 feet below crown. Pipe crosses levee at an angle. Sacramento Regional County Sanitation District (SRCSD) Facility N16 NE Siphon Outlet located on landside (LS). Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. (Permit No. 12144-1978, SRCSD and 12144-A-1983, SRCSD for cathodic protection)						
FS Date: 2/25/2014						

Photo 3 of 3 : UCIP_SP_2017_30540_56231.jpg



Concrete vault located on landward side.

LM Start	0.72	Rating **	M	Issue No.	11
LM End	0.72	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.576600 °	38.576600 °
				-121.344008 °	-121.344008 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46994					
DS_ID:24828					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to confirm pipe size--need to contact owner to obtain additional information on crossing.					
FIELD_STRUCT_DESC: [SRCSD Facility N16 NE Siphon Outlet] 3 of 3: 48-inch reinforced concrete (RC) drainpipe through the levee at 11.0 feet below crown. Pipe crosses levee at an angle. Sacramento Regional County Sanitation District (SRCSD) Facility N16 NE Siphon Outlet located on landside (LS). Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. (Permit No. 12144-1978, SRCSD and 12144-A-1983, SRCSD for cathodic protection)					
FS Date: 2/25/2014					

Photo 1 of 3 : UCIP_SP_2017_46994_56229.jpg



SRCDS Facility N16, NE Siphon Outlet, sign visible from Mira Del Rio Drive.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	03/16/2017 05/04/2017	Maksim Khashchuk

LM Start	0.72	Rating **	M	Issue No.	11 (cont)
LM End	0.72	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.576600 °	38.576600 °
				-121.344008 °	-121.344008 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46994 DS_ID:24828 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm pipe size--need to contact owner to obtain additional information on crossing. FIELD_STRUCT_DESC: [SRCSD Facility N16 NE Siphon Outlet] 3 of 3: 48-inch reinforced concrete (RC) drainpipe through the levee at 11.0 feet below crown. Pipe crosses levee at an angle. Sacramento Regional County Sanitation District (SRCSD) Facility N16 NE Siphon Outlet located on landside (LS). Facility is fenced off. Inside facility are 3 concrete boxes with 3 manholes. (Permit No. 12144-1978, SRCSD and 12144-A-1983, SRCSD for cathodic protection) FS Date: 2/25/2014					

LM Start	0.72	Rating **	M	Issue No.	11 (cont)
LM End	0.72	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_46994_56228.jpg



Concrete vault for 3 crossings located on landward side.

Photo 3 of 3 : UCIP_SP_2017_46994_56227.jpg



Concrete vault with manholes located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	03/16/2017 05/04/2017	Maksim Khashchuk

LM Start	0.73	Rating **	A/W	Issue No.	3
LM End	0.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.576663 °	38.576663 °
				-121.343805 °	-121.343805 °
DWR ID	DWR_NA0001_12_f_2015_3				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2017_NA0001_438_3_20170313_00003.jpg



View of the footpath on the landside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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